

Exhibit No. 5-A, Part I  
Docket No. R-2021-3027835  
Witness: C.E. Heppenstall

# AQUA PENNSYLVANIA, INC.

BRYN MAWR, PENNSYLVANIA

WATER OPERATIONS

COST OF SERVICE ALLOCATION STUDY

AS OF MARCH 31, 2023



*Excellence Delivered **As Promised***

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AQUA PENNSYLVANIA, INC.  
Bryn Mawr, Pennsylvania

WATER OPERATIONS  
COST OF SERVICE ALLOCATION STUDY  
AS OF MARCH 31, 2023

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC  
Camp Hill, Pennsylvania

## PART I

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## PART I. INTRODUCTION

AQUA PENNSYLVANIA, INC.

COST OF SERVICE ALLOCATION STUDY  
AS OF MARCH 31, 2023

PART I. INTRODUCTION

PLAN OF REPORT

The report sets forth the results of the cost of service allocation study based on pro forma costs as of March 31, 2023, for Aqua Pennsylvania, Inc. Part I, Introduction, contains statements with respect to the basis of the study, the procedures employed, the customer class demand study, and a summary of the results of the studies. Part II, Cost of Service by Customer Classification, presents detailed schedules of the allocation of costs to customer classifications, as well as the bases for the allocations. Schedule A in Part II summarizes the cost allocation and the revenues produced under present and proposed rates. Responses to rate structure and cost of service filing requirements are provided in the Appendix.

BASIS OF STUDY

The purpose of the cost allocation study was to determine the relative cost of service responsibilities of the several customer classifications based on considerations of quantity of water consumed, variability of rate of consumption, and costs associated with customer metering, billing and accounting. The allocation study incorporated generally-accepted principles and procedures for allocating the several categories of cost to customer classifications in proportion to each classification's use of facilities, commodities and services required in providing water service.

## ALLOCATION PROCEDURES

The allocation study was based on the Base-Extra Capacity Method for allocating costs to customer classifications. The method is described in the 2017 and prior editions of the Water Rates Manual, published by the American Water Works Association. The four basic categories of cost responsibility are base, extra capacity, customer, and fire protection costs. The following discussion presents a brief description of these costs and the manner in which they were allocated.

Base Costs are costs that tend to vary with the quantity of water used, plus costs associated with supplying, treating, pumping, and distributing water to customers under average load conditions, without the elements necessary to meet peak demands. Base costs were allocated to customer classifications on the basis of average daily usage.

Extra Capacity Costs are costs associated with meeting usage requirements in excess of the average. They include operating and capital costs for additional plant and system capacity beyond that required for average use. The extra capacity costs in this study are subdivided into costs necessary to meet maximum day extra demand and costs to meet maximum hour extra demand. The extra capacity costs were allocated to customer classifications on the bases of each classification's maximum day and hour usage in excess of average usage.

Customer Costs are costs associated with serving customers regardless of their usage or demand characteristics. Customer costs include the operating and capital costs related to meters and services, meter reading costs, and billing and

collecting costs. The customer costs were allocated on the bases of capital cost of meters and services and the number of customer bills.

Fire Protection Costs are costs associated with providing the facilities to meet the potential peak demand of fire protection service. Fire Protection costs are subdivided into costs to meet Public Fire Protection and Private Fire Protection demands. The extra capacity costs assigned to fire protection service were allocated to Public and Private Fire Protection and Residential General Service on the basis of the total relative demands of the hydrants, fire service lines, and residential service lines sized to provide fire protection, as well as general service.

## RESULTS OF STUDIES

The results of the cost of service allocation study are set forth in Part II. The data summarized in Schedule A, "Comparison of Pro Forma Cost of Service with Revenues Under Present and Proposed Rates for the Twelve Months Ending March 31, 2023", constitute the principal results of the cost allocation study and subsequent rate design.

The cost of service by customer classification shown in column 2 of Schedule A is developed in Schedule D, "Allocation of Cost of Service to Customer Classifications for the Twelve Months Ended March 31, 2023". The allocation of the total cost of service to the several customer classifications was performed by applying the allocation factors referenced in column 3 of Schedule D to the cost of service set forth in column 3. The bases for the allocation factors are presented in Schedule E.

Schedule F, "Summary of Average Daily Send Out, Maximum Daily Use, and Maximum Hourly Use for the Years 1962-2020", presents the determination of the

maximum day and hour ratios for the overall system. Schedule G, "Basis for Allocating Demand Related Costs of Fire Service to Residential and Private and Public Fire Protection Customer Classifications", presents the calculation of the total relative demand of fire hydrants and fire service lines.

Schedule H sets forth the calculation of the firm and interruptible standby rates based on the functional allocation provided in the Appendix. Also provided in the Appendix are responses to Rate Structure and Cost of Service Filing Requirements RS1a through RS1j and RS2.

**PART II. COST OF SERVICE BY CUSTOMER CLASSIFICATION**

AQUA PENNSYLVANIA, INC.

COMPARISON OF PRO FORMA COST OF SERVICE WITH REVENUES UNDER PRESENT AND PROPOSED RATES - WATER  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

Customer Classification (1)	Pro Forma Cost of Service, as of March 31, 2020				Pro Forma Revenues Under Present Rates				Pro Forma Revenues Under Proposed Rates			
	Amount (2)	Act 11 (3)	Water COS Plus Act 11 (4)	Percent of Total (5)	Amount (6)	Percent of Total (7)	Amount (8)	Percent of Total (9)	Amount (10)	Percent Increase (11)		
Residential	\$ 382,958,592	\$ 16,806,100	\$ 399,764,692	68.2%	\$ 333,854,297	66.7%	\$ 392,053,234	66.8%	\$ 58,198,936	17.4%		
Commercial	130,799,962	3,939,400	134,739,361	23.0%	119,491,326	23.8%	138,581,853	23.6%	19,090,526	16.0%		
Industrial	19,732,647	528	19,733,175 *	3.4%	16,630,075	3.3%	19,705,804	3.4%	3,075,729	18.5%		
Public	8,810,870	93,398	8,904,267 *	1.5%	8,516,664	1.7%	9,878,839	1.7%	1,362,174	16.0%		
Other Water Utilities	2,509	2,509 *	0.0%		12,812	0.0%	14,846	0.0%	2,035	15.9%		
Private Fire Protection	16,068,838	16,068,838	2.7%		16,153,537	3.2%	18,976,135	3.2%	2,822,599	17.5%		
Public Fire Protection	<u>7,767,626</u>	<u>7,767,626</u>	<u>1.3%</u>		<u>6,438,592</u>	<u>1.3%</u>	<u>7,767,626</u>	<u>1.3%</u>	<u>1,329,034</u>	<u>20.6%</u>		
Total Tariff Sales of Water	566,141,044	20,839,425	586,980,468	100.1%	501,097,303	100.0%	586,978,336	100.0%	85,881,033	17.1%		
Contract Sales - Industrial	3,157,961	3,128,996			3,157,961		3,128,996		28,965	0.9%		
Contract Sales - Public	1,448,398	1,448,398			1,247,315		1,448,398		20,083	16.1%		
Contract Sales - OWU	2,960,342	2,960,342			2,886,684		2,960,342		7,657	2.6%		
Subtotal Contract Sales	<u>7,566,700</u>	<u>-</u>	<u>7,566,700</u>		<u>7,262,995</u>		<u>7,566,700</u>		<u>303,706</u>	<u>4.2%</u>		
Total Sales of Water	<u>573,707,744</u>	<u>20,839,425</u>	<u>594,547,168</u>		<u>508,360,298</u>		<u>594,545,037</u>		<u>86,184,739</u>	<u>17.0%</u>		
Other Revenues - Wheeling Fees	15,256	15,256			15,256		15,256					
Other Water Revenues	<u>1,303,137</u>	<u>-</u>	<u>1,303,137</u>		<u>1,303,137</u>		<u>1,303,137</u>		<u>-</u>	<u>0.0%</u>		
Subtotal Other Revenue	<u>1,318,393</u>		<u>1,318,393</u>				<u>1,318,393</u>					
Total	<u>\$ 575,026,137</u>	<u>\$ 20,839,425</u>	<u>\$ 595,865,561</u>		<u>\$ 509,678,691</u>		<u>\$ 595,863,429</u>		<u>86,184,739</u>	<u>16.9%</u>		
* Contract Sales Excluded.												

AQUA PENNSYLVANIA, INC.

DEVELOPMENT OF RATE OF RETURN BY CUSTOMER CLASSIFICATION  
UNDER PRESENT RATES

ITEM (1)	COST OF SERVICE (2)	RESIDENTIAL (3)	COMMERCIAL (4)	INDUSTRIAL (5)	PUBLIC (6)	OTHER WATER UTILITIES (7)	FIRE PROTECTION	
							PRIVATE (8)	PUBLIC (9)
1. REVENUES FROM SALES	501,097,303	333,854,297	119,491,326	16,630,075	8,516,664	12,812	16,153,537	6,438,592
2. OTHER REVENUES	8,581,387	5,823,527	1,971,651	297,465	132,840	43	239,549	116,312
3. TOTAL OPERATING REVENUES	509,678,691	339,677,824	121,462,977	16,927,540	8,649,504	12,855	16,393,086	6,554,904
4. LESS: OPERATING EXPENSES (INCLUDES REALLOCATION OF FIRE & ACT 11)	250,939,367	188,092,298	54,528,650	8,090,589	3,699,569	1,575	5,784,582	-9,257,896
5. RETURN AND INCOME TAXES	258,739,324	151,585,527	66,934,328	8,836,951	4,949,935	11,279	10,608,504	15,812,800
6. LESS: TAXABLE EXCLUSIONS (FACTOR 18)	70,371,594	42,944,899	16,980,806	2,597,908	1,137,205	211	2,290,173	4,420,392
7. TAXABLE INCOME	188,367,729	108,640,628	49,953,521	6,239,043	3,812,730	11,068	8,318,330	11,392,408
8. LESS: INCOME TAXES (TAX. INC.)	12,978,397	7,485,259	3,441,761	429,865	262,694	763	573,127	784,929
9. NET RETURN (Line 5 - Line 8)	245,760,927	144,100,268	63,492,567	8,407,086	4,687,241	10,517	10,035,377	15,027,872
10. ORIGINAL COSTS MEASURE OF VALUE	3,818,296,020	2,330,151,169	921,362,821	140,960,451	61,701,793	10,361	124,263,807	239,845,625
11. RATE OF RETURN, PERCENT	6.44	6.18	6.89	5.96	7.60	101.50	8.08	6.27
12. RELATIVE RATE OF RETURN	1.00	0.96	1.07	0.93	1.18	15.77	1.25	0.97

AQUA PENNSYLVANIA, INC.

## DEVELOPMENT OF RATE OF RETURN BY CUSTOMER CLASSIFICATION UNDER PROPOSED RATES

ITEM	COST OF SERVICE		RESIDENTIAL		COMMERCIAL		INDUSTRIAL		PUBLIC		OTHER WATER UTILITIES		FIRE PROTECTION	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1. REVENUES FROM SALES	586,978,336	392,053,234	138,581,853	19,705,804	9,878,839	14,846	18,976,135	7,767,626						
2. OTHER REVENUES	8,885,093	6,008,384	2,055,078	310,099	138,430	36	252,568	120,500						
3. TOTAL OPERATING REVENUES	595,863,429	398,061,618	140,636,930	20,015,903	10,017,269	14,882	19,228,703	7,888,125						
4. LESS: OPERATING EXPENSES (INCLUDES REALLOCATION OF FIRE & ACT 11)	272,527,954	208,427,199	58,788,398	8,109,021	3,818,863	1,575	5,799,370	-12,416,473						
5. RETURN AND INCOME TAXES	323,335,476	189,634,418	81,848,532	11,906,881	6,198,405	13,307	13,429,333	20,304,599						
6. LESS: TAXABLE EXCLUSIONS (FACTOR 18)	70,371,594	42,950,669	16,977,358	2,597,275	1,136,923	211	2,290,032	4,419,125						
7. TAXABLE INCOME	252,963,881	146,683,749	64,871,174	9,309,607	5,061,482	13,096	11,139,300	15,885,474						
8. LESS: INCOME TAXES (TAX. INC.)	31,622,324	18,336,535	8,109,368	1,163,769	632,722	1,637	1,392,494	1,985,800						
9. NET RETURN (Line 5 - Line 8)	291,713,152	171,297,883	73,739,164	10,743,113	5,565,683	11,670	12,036,839	18,318,799						
10. ORIGINAL COSTS MEASURE OF VALUE	3,818,296,020	2,330,468,439	921,173,482	140,924,470	61,687,972	10,361	124,253,386	239,777,907						
11. RATE OF RETURN, PERCENT	7.64	7.35	8.00	7.62	9.02	112.63	9.69	1.18						
12. RELATIVE RATE OF RETURN	1.00	0.96	1.05	1.00	1.00	14.74	1.27	1.00						

AQUA PENNSYLVANIA, INC.

ALLOCATION OF COST OF SERVICE TO CUSTOMER CLASSIFICATIONS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

Account Number	Account Description	Factor Ref.	Cost of Service	Residential		Commercial		Industrial		Other Public Authority	Other Water Utilities	Private Fire Protection	Public Fire Protection
				(3)	(4)	(5)	(6)	(7)	(8)				
<b>OPERATION AND MAINTENANCE EXPENSES</b>													
	<b>Source of Supply</b>												
	----Operation----												
601.1	Operation Labor			301,370	17,033	9,714	184,327	93,567	15,807	6,250	0	696	724
	Treatment Plants & Wells	2											
	Booster Stations	3											
	Materials and Supplies												
620.1	Treatment Plants & Wells	2	51,270		31,358	15,918	2,689	1,063	0	0	494	786	
	Booster Stations	3		2,898	1,653	837	141	56	0	0	118	123	
	Contract Services Other	2	81,529		49,866	25,313	4,276	1,691	0	0	188	196	
636.1	Building Rental												
641.1	Treatment Plants & Wells	2	451,922		276,409	140,309	23,703	9,372	0	0	1,043	1,085	
	Booster Stations	3		25,542	14,567	7,377	1,246	493	0	0	681	1,179	
	<b>Total Operation</b>			931,564	567,893	288,239	48,693	19,253	1	0	3,259	4,227	
	----Maintenance----												
601.2	Maintenance Labor												
	Treatment Plants & Wells	2	200,681	74,602	122,743	62,306	10,526	4,162	0	0	463	482	
	Booster Stations	3			42,545	21,545	3,640	1,439	0	0	1,989	3,444	
620.2	Treatment Plants & Wells	2	2,990		1,829	928	157	62	0	0	7	7	
	Booster Stations	3		1,112	634	321	54	21	0	0	30	51	
631.2	Contractor Services - Engineer												
	Treatment Plants & Wells	2	5,375		3,288	1,669	282	111	0	0	12	13	
	Booster Stations	3		1,998	1,140	577	97	39	0	0	53	92	
636.2	Contractor Services - other	2	218,902		133,887	67,963	11,481	4,540	0	0	505	526	
675.2	Miscellaneous												
	Treatment Plants & Wells	2	42		25	13	2	1	0	0	0	0	
	Booster Stations	3		15	9	4	1	0	0	0	0	1	
	<b>Total Maintenance</b>			505,718	306,099	155,327	26,240	10,375	1	0	3,061	4,616	
	----Miscellaneous----												
610.1	Water Purchased for Resale	1	4,148,780		2,493,624	1,301,053	239,833	86,904	4	0	13,413	13,948	
615.1	Power Purchased	1	6,328,515		3,863,859	2,015,976	371,620	134,658	6	0	20,763	21,613	
616.1	Power Purchased	1	218,458		131,304	68,508	12,629	4,576	0	0	706	734	
	<b>Total Miscellaneous</b>			10,795,753	6,488,787	3,385,537	624,081	226,139	11	0	34,903	36,295	
	<b>Total Source of Supply Expenses</b>			12,233,035	7,362,779	3,829,103	689,014	255,767	12	0	41,222	45,138	
	<b>Water Treatment Expenses</b>												
	----Operation----												
601.3	Operating Labor	2	6,699,126		4,097,387	2,079,891	351,362	138,926	7	0	15,468	16,085	
615.3	Purchased Power	1	134,425		80,796	42,156	7,771	2,816	0	0	435	452	
616.3	Purchased Power	1	3,349		2,013	1,050	194	2,710	0	0	11	11	
618.3	Chemicals	1	5,731,075		3,444,663	1,797,259	331,302	120,049	6	0	18,529	19,268	
620.3	Materials and Supplies	1	458,951			142,492	24,072	9,518	0	0	1,060	1,102	
631.3	Contractor Services	2									-	-	
635.3	Contractor Services - testing	2	298,283		182,439	92,808	15,645	6,186	0	0	689	716	
636.3	Contractor Services - other	2	713,947		436,672	221,861	37,446	14,806	1	0	1,649	1,714	
642.3	Equipment Rental	2	7,183		4,393	2,230	377	149	0	0	17	17	
650.3	Transportation	2									-	-	
675.3	Miscellaneous	2	41,744		25,532	12,960	2,189	866	0	0	96	100	
	<b>Total Operation</b>			14,088,083	8,554,602	4,392,307	770,357	293,385	14	0	37,952	39,465	
	----Maintenance----												
601.4	Maintenance Labor	2	180,766		110,562	56,123	9,481	3,749	0	0	417	434	
620.4	Materials and Supplies	2	68,215		41,722	21,179	3,578	1,415	0	0	158	164	
631.4	Contractor Services - Eng	2									-	-	

AQUA PENNSYLVANIA, INC.

ALLOCATION OF COST OF SERVICE TO CUSTOMER CLASSIFICATIONS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

Account Number	Account Description	Factor Ref.	Cost of Service	Residential	Commercial	Industrial	Other Public Authority	Other Water Utilities	Private Fire Protection	Public Fire Protection
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
635.4	Contractor Services - Testing	2	3,225	1,973	1,001	169	67	0	7	8
636.4	Contractor Services - Other	2	1,533,921	938,192	476,240	80,453	31,810	2	3,542	3,683
642.4	Equipment Rental	2	2,250	1,376	698	118	47	0	5	5
650.4	Transportation	2	-	-	-	-	-	-	-	-
675.4	Miscellaneous	2	7,668	4,690	2,381	402	159	0	18	18
<b>Total Maintenance</b>			<b>1,796,045</b>	<b>1,098,515</b>	<b>557,922</b>	<b>94,201</b>	<b>37,246</b>	<b>2</b>	<b>4,147</b>	<b>4,312</b>
<b>Total Water Treatment Expenses</b>			<b>15,384,128</b>	<b>9,653,117</b>	<b>4,949,929</b>	<b>864,558</b>	<b>330,632</b>	<b>16</b>	<b>42,099</b>	<b>43,778</b>

AQUA PENNSYLVANIA, INC.

ALLOCATION OF COST OF SERVICE TO CUSTOMER CLASSIFICATIONS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

Account Number	Account Description	Factor Ref.	Cost of Service	Residential		Commercial		Industrial		Other Public Authority	Other Water Utilities	Private Fire Protection	Public Fire Protection
				(3)	(4)	(5)	(6)	(7)	(8)				
<b>Transmission &amp; Distribution Expenses</b>													
601.5	Operating Labor	12	551,956	418,022	74,749	8,466	5,532	13	16,878	28,295			
	Supervision & Engineering	12	1,059,881	802,698	143,534	16,258	10,623	25	32,409	54,334			
	Maps & Records	5	720,218	434,157	202,285	30,380	13,511	-	14,584	25,301			
	Storage Facilities	5	12 inch and Over Mains	3	175,336	99,983	50,836	8,554	3,382	0	4,676	8,094	
	Under 12 inch Mains	4	948,231	537,310	249,814	37,520	16,686	-	23,659	68,242			
	Hydrants	6	242,169	-	-	-	-	-	23,369	218,800			
	Removing and Resetting Meters	7	3,629,384	3,190,011	304,516	17,552	26,146	138	91,021	-			
	Miscellaneous Meter Expense	7	169,045	148,580	14,183	818	1,218	6	4,239	-			
6502.2	Services on Customers' Premises	8	366,387	323,967	25,074	1,056	1,709	5	14,587	-			
615.5	Operating Labor	12	636,819	482,293	86,241	9,768	6,383	15	19,473	32,646			
615.6	Purchased Power	1	1,144,897	688,141	359,039	66,184	23,982	1	3,701	3,849			
620.5	Purchased Power	1	1,2649	1,592	831	153	55	0	9	9	60,828		
	Materials and Supplies	12	1,182,671	895,692	160,163	18,141	11,854	28	36,194				
631.5	Contractor Services - Eng	12	-	-	-	-	-	-	-	-			
636.5	Contractor Services - Other	12	553,058	418,857	74,898	8,483	5,543	13	16,911	28,352			
641.5	Property Rental	12	33,271	25,197	4,506	510	333	1	1,017	1,706			
642.5	Property & Equipment Rental	12	-	-	-	-	-	-	-	-			
650.5	Transportation	12	969,894	734,395	131,321	14,874	9,719	23	29,651	49,710			
675.5	Miscellaneous	12	305	231	41	5	3	0	9	9	16		
	Total Operation		12,385,980	9,201,133	1,881,831	238,722	136,681	270	347,359	579,983			
<b>Maintenance</b>													
601.6	Maintenance Labor	13	155,409	91,444	27,034	3,781	1,822	1	7,071	24,256			
	Supervision & Engineering	5	178,912	23,457	10,929	1,641	730	-	788	1,367			
	Structures & Improvements	3	101,687	51,500	8,700	3,440	0	4,756	8,232				
	12 inch and Over Mains	4	598,707	278,360	41,807	18,593	-	43,077	76,040				
	Under 12 inch Mains	4	551,925	37,770	1,590	2,574	7	21,974	-				
	Services	8	101,345	9,674	558	831	4	2,882	-				
	Meters	7	115,303	-	-	-	-	28,059	262,705				
	Hydrants	6	290,764	-	-	-	-	17,780	60,993				
620.6	Materials and Supplies	13	399,778	229,937	67,977	9,507	4,582	2	-				
631.6	Contractor Services - Eng	13	-	-	-	-	-	-	-	-			
636.6	Contractor Services - Other	13	4,182,317	2,460,904	727,531	101,747	49,038	21	190,291	652,784			
641.6	Equipment Rental	13	-	-	-	-	-	-	-	-			
650.6	Transportation	13	-	-	-	-	-	-	-	-			
675.6	Miscellaneous	13	6,086	3,581	1,059	148	71	0	277	950			
	Total Maintenance		6,986,402	4,099,080	1,211,834	169,479	81,681	35	316,984	1,087,329			
	<b>Total Transmission and Distribution Expenses</b>		19,352,382	13,300,213	3,093,666	408,201	218,362	306	664,323	1,667,312			

AQUA PENNSYLVANIA, INC.

ALLOCATION OF COST OF SERVICE TO CUSTOMER CLASSIFICATIONS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

Account Number	Account Description	Factor Ref.	Cost of Service	Residential	Commercial	Industrial	Other Public Authority	Other Water Utilities	Private Fire Protection	Public Fire Protection
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
<b>Customer Accounting and Collecting Expenses</b>										
601.7	Labor	11	703,820	652,796	37,314	1,291	2,033	4	10,183	200
616.7	Purchased Power	11	2,448	2,271	130	4	7	0	35	1
620.7	Materials and Supplies	9	174	161	9	0	1	0	3	0
636.7	Contractor Services - Billing	9	6,367,839	5,905,693	337,566	11,679	18,397	32	92,124	2,350
636.7	Contractor Services - Meter Reading	10	2,773,240	2,572,920	147,068	5,089	8,015	14	40,134	-
650.7	Transportation	9	-	-	-	-	-	-	-	-
670.7	Bad Debt Expense	9	2,909,023	2,697,900	154,210	5,335	8,404	15	42,085	1,073
675.7	Miscellaneous	9	-	-	-	-	-	-	-	-
Total Customer Accounting and Collecting Expenses		12,756,543	11,831,741	676,296	23,398	36,856	64	184,563	3,624	
<b>Administrative and General Expenses</b>										
601.8	Labor	14	14,894,959	11,041,782	2,445,320	339,054	164,530	134	307,149	596,990
603.8	Officers Labor	14	3,599,430	2,668,284	590,922	81,934	39,759	32	74,224	144,265
604.8	Employee Health Plans	16	17,504,696	12,798,215	3,326,341	479,175	226,768	180	372,668	751,350
615.8	Purchased Power	14	241,594	179,096	39,863	5,499	2,669	2	4,982	9,683
616.8	Purchased Power	14	88,400	65,532	14,513	2,012	976	1	1,823	3,543
620.8	Materials and Supplies	14	99,108	73,470	16,271	2,256	1,095	1	2,044	3,972
631.8	Contractor Services - Engineering	14	156,010	115,652	25,612	3,651	1,723	1	3,217	6,253
632.8	Contractor Services - Accounting	14	727,117	539,019	119,371	16,551	8,032	7	14,994	29,143
633.8	Contractor Services - Legal	14	644,475	477,756	105,304	14,670	7,119	6	13,290	25,831
634.9	Contractor Services - Mgmt Fee	14	18,159,655	13,461,934	2,981,289	413,368	200,592	163	374,470	727,639
636.8	Contractor Services - Other	14	1,706,821	1,285,283	280,211	38,852	18,854	15	35,196	68,409
641.8	Rent - Building	14	6,463	4,791	1,061	147	71	0	133	259
642.8	Rent - Equipment	14	33,243	24,643	5,458	757	367	0	686	1,332
650.8	Transportation	14	83,970	62,248	13,785	1,911	928	1	1,732	3,366
656.8	Vehicle Insurance	14	235,327	174,450	38,834	5,357	2,599	2	4,853	9,432
657.8	General Liability Insurance	14	3,987,744	2,966,154	654,872	90,773	44,049	36	82,231	159,829
658.8	A&G Workers Comp Insurance	16	1,088,288	775,739	20,162	29,044	13,745	11	22,569	45,642
659.8	A&G General Liability Insurance	14	1,465,917	1,086,699	240,861	33,369	16,193	13	30,229	56,754
660.8	Advertising	14	295,851	219,169	48,537	6,730	3,266	3	6,097	11,450
666.8	Rate Case Amortization	19	679,553	459,536	157,177	23,717	10,587	3	19,317	9,216
676.21	Labor (Transfrd)	16	(2,184,129)	(1,556,880)	(404,638)	(58,290)	(27,586)	(22)	(45,334)	(9,399)
676.22	Employee Benefits (Transfrd)	16	(7,310,087)	(5,210,681)	(1,354,291)	(195,092)	(92,327)	(73)	(151,728)	(305,906)
676.24	Other (Transfrd)	14	(2,019,211)	(1,496,861)	(331,996)	(45,963)	(22,304)	(18)	(41,638)	(80,930)
406.0	Amortization of UPAA	14	214,754	159,199	35,256	4,888	2,372	2	4,428	8,607
404.8	Employee Benefits (Transfrd)	16	(1,428,119)	(1,017,972)	(264,578)	(38,114)	(18,037)	(14)	(29,642)	(59,763)

AQUA PENNSYLVANIA, INC.

ALLOCATION OF COST OF SERVICE TO CUSTOMER CLASSIFICATIONS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

Account Number	Account Description	Factor Ref.	Cost of Service	Residential	Commercial	Industrial	Other Public Authority	Other Water Utilities	Private Fire Protection	Public Fire Protection
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
675.8	A & G Miscellaneous	14	3,179,606	2,357,074	521,999	72,377	35,122	29	65,567	127,439
	Subtotal Administrative and General		56,601,227	41,683,361	9,509,175	1,328,536	641,161	514	1,173,574	2,264,906
	Total Operation & Maintenance Expenses		116,827,315	83,831,212	22,058,168	3,323,707	1,482,778	912	2,105,782	4,024,757
503.00	<b>DEPRECIATION EXPENSE</b>									
304.20	Power and Pumping Structures	2	531,248	324,927	164,938	27,863	11,017	1	1,227	1,276
	Major Treatment Plants	3	1,149,507	655,553	331,973	56,082	22,175	1	30,655	53,067
304.30	Purification Buildings									
	Major Treatment Plants	2	4,556,989	2,787,191	1,414,817	239,010	94,503	5	10,522	10,941
	Other Structures	2	1,774,543	1,085,364	550,946	93,073	36,800	2	4,097	4,261
304.61	Office Buildings	14	2,625,765	1,946,506	431,074	59,770	29,004	24	54,146	105,241
	Stores, Shop and Garage Bldgs.	14	216,854	160,756	35,801	4,936	2,395	2	4,472	8,692
304.63	Misc. Structures and Impl.	14	1,267,185	939,377	208,035	28,845	13,997	11	26,131	50,789
305.00	Collecting & Impounding Res.	1	978,787	588,306	306,950	56,582	20,503	1	3,164	3,291
306.00	Lake, River and Other Intakes	2	747,621	457,267	232,115	39,212	15,504	1	1,726	1,795
	Wells and Springs	2	1,692,728	1,035,323	525,545	88,782	35,104	2	3,909	4,064
310.40	Other Power Producing Equipment	3	1,864,656	1,063,397	538,505	90,973	35,971	2	49,727	86,082
	Electric Pumping Equipment	3	3,050,399	1,739,615	880,943	148,823	58,845	3	81,348	140,822
320.00	Purification System									
	Structures	2	4,310,321	2,636,322	1,338,234	226,072	89,387	4	9,953	10,349
	Wells and Boosters	2	1,043,659	638,333	324,027	54,739	21,643	1	2,410	2,506
	Equipment	2	3,007,902	1,839,723	933,369	157,761	62,378	3	6,945	7,222
	Computers	2	-	-	-	-	-	-	-	-
	Painting	2	8,962	5,481	2,782	470	186	0	21	22
330.00	Filter Media	2	-	-	-	-	-	-	-	-
	Distr. Reservoirs & Standpipes	5	1,556,596	938,336	437,195	65,660	29,202	-	31,520	54,683
	Tanks	5	5,263,449	3,172,875	1,478,324	222,023	98,742	-	106,580	184,905
331.00	Tank Painting	3	7,194,577	4,103,003	2,077,765	351,009	138,791	7	191,865	332,138
	Mains and Accessories	4	38,756,639	21,961,217	10,210,553	1,533,523	682,001	-	1,580,108	2,789,238
333.00	12 inch and Over	8	8,419,866	7,444,803	576,205	24,258	39,270	109	395,220	-

AQUA PENNSYLVANIA, INC.

ALLOCATION OF COST OF SERVICE TO CUSTOMER CLASSIFICATIONS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

Account Number	Account Description	Factor Ref.	Cost of Service	Residential		Commercial	Industrial	Other Public Authority	Other Water Utilities	Private Fire Protection	Public Fire Protection
				(3)	(4)						
334.00	Meters	7	4,150,283	3,647,850	348,221	20,071	29,899	158	104,085	-	-
	ERTS	7A	1,787,517	1,611,534	153,837	8,868	13,208	70	-	175,526	1,643,399
335.00	Fire Hydrants	6	1,818,925	-	-	49	-	0	-	255	-
336.00	Back Flow Prevention Devices	7	10,160	8,930	852	49	73	0	-	-	-
339.00	Other Plant and Miscellaneous	14	-	-	-	-	-	-	-	-	-
340.00	Office Furniture and Equipment	14	433,785	321,569	71,215	9,874	4,792	4	8,945	17,386	-
	Furniture	14	216,761	160,687	35,586	4,934	2,394	2	4,470	8,888	-
	Mechanical Equipment	14	15,303,289	11,344,481	2,512,356	348,349	169,040	138	315,569	613,356	-
341.00	Computers	14	-	-	-	-	-	-	-	-	-
	Transportation Equipment	14	2,646,549	1,961,913	434,987	60,243	29,234	24	54,574	106,074	-
	Vehicles	14	203,936	151,180	33,980	4,642	2,253	2	4,205	8,174	-
342.00	Other Equipment	14	199,759	148,083	32,795	4,547	2,207	2	4,119	8,006	-
343.10	Stores Equipment	14	50,087	37,130	8,223	1,140	553	0	1,033	2,007	-
343.20	Shop Equipment	14	981,404	727,525	161,118	22,340	10,841	9	20,238	39,335	-
344.00	Tools & Work Equipment - General	14	-	-	-	-	-	-	-	-	-
	Laboratory Equipment	14	-	-	-	-	-	-	-	-	-
	Conventional	2	56,085	34,303	17,413	2,942	1,163	0	130	135	-
	Electronics	2	169,175	103,473	52,524	8,873	3,508	0	391	406	-
346.00	Communication Equipment	14	955,067	708,001	156,794	21,740	10,550	9	19,694	38,279	-
	Communication Equipment	3	3,068,003	1,749,654	886,927	149,682	59,185	3	81,818	141,634	-
347	SCADA Equipment	14	95,888	71,083	15,742	2,183	1,059	1	1,977	3,943	-
348	Miscellaneous Equipment	14	1,642	1,217	270	37	18	0	34	66	-
	Other Tangible Plant	14	-	-	-	-	-	-	-	-	-
	<b>Total Depreciation Expense</b>		<b>122,166,578</b>	<b>78,312,290</b>	<b>27,921,337</b>	<b>4,239,980</b>	<b>1,877,396</b>	<b>599</b>	<b>3,332,807</b>	<b>6,482,169</b>	

AQUA PENNSYLVANIA, INC.

ALLOCATION OF COST OF SERVICE TO CUSTOMER CLASSIFICATIONS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

Account Number	Account Description	Factor Ref.	Cost of Service	Residential	Commercial	Industrial	Other Public Authority	Other Water Utilities	Private Fire Protection	Public Fire Protection
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
<b>TAXES OTHER THAN INCOME TAXES</b>										
Federal and State Payroll Taxes	16	3,163,655	2,255,073	586,108	84,432	39,957	32	65,665	132,389	
State Capital Stock Tax	18	-	-	-	-	-	-	-	-	
PUC Assessment	19	2,601,276	1,759,066	601,662	90,787	40,528	10	73,944	35,279	
OCA and SBA Assessments	19	1,057,005	714,781	244,480	36,891	16,468	4	30,046	14,335	
Local Property Taxes	18	1,073,227	655,034	258,919	39,611	17,339	3	34,925	67,395	
Public Utility Realty Taxes	18	4,800,000	2,929,637	1,158,014	177,158	77,549	14	156,202	301,426	
<b>Total Taxes Other Than Income Taxes</b>		12,695,163	8,313,591	2,849,184	428,878	191,841	64	360,782	550,824	
<b>INCOME TAXES</b>										
Federal Income Taxes	18	25,270,306	15,423,504	6,096,537	932,676	408,267	76	822,346	1,586,899	
State Income Taxes	18	12,214,337	7,454,910	2,946,745	450,807	197,335	37	39,479	767,024	
Deferred Taxes	18	(5,608,906)	(3,423,345)	(1,353,165)	(207,014)	(90,617)	(17)	(182,525)	(352,222)	
ITC-Amortized	18	(253,413)	(154,668)	(61,137)	(9,353)	(4,094)	(1)	(8,247)	(15,914)	
<b>Total Income Taxes</b>		31,622,324	19,300,401	7,628,381	1,167,117	510,890	95	1,029,054	1,985,787	
<b>UTILITY OPERATING INCOME</b>	18	291,714,756	178,045,476	70,377,060	10,766,608	4,712,944	875	9,492,982	18,318,812	
<b>Total Cost of Service</b>		575,026,137	367,802,969	130,834,730	19,926,290	8,775,848	2,545	16,321,406	31,362,349	
<b>Less:</b>										
Other Water Revenues	19	(1,318,393)	(891,539)	(304,938)	(46,013)	(20,541)	(5)	(37,477)	(17,880)	
Revenues from Contract Sales	19	(7,566,700)	(5,116,845)	(1,750,140)	(264,085)	(117,889)	(30)	(215,091)	(102,820)	
Unrecovered Public Fire	20	-	-	-	-	-	-	-	(23,474,223)	
Reallocate Unrecovered Public Fire	21	21,164,008	2,020,309	116,456	173,451	-	-	-	-	
<b>Total Cost of Service Related to Sales</b>		566,141,044	382,958,592	130,799,362	19,732,647	8,810,870	2,509	16,068,838	7,767,626	
<b>Act 11</b>		<b>20,338,897</b>	<b>16,806,100</b>	<b>3,939,400</b>		<b>93,398</b>				
<b>Total Cost of Service</b>		<b>\$ 586,179,941</b>	<b>\$ 399,764,692</b>	<b>\$ 134,739,361</b>	<b>\$ 19,732,647</b>	<b>\$ 8,904,267</b>	<b>\$ 2,509</b>	<b>\$ 16,068,838</b>	<b>\$ 7,767,626</b>	

AQUA PENNSYLVANIA, INC.

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS

FACTOR 1. ALLOCATION OF COSTS WHICH VARY WITH THE AMOUNT OF WATER CONSUMED.

Factors are based on the pro forma, future test year average daily consumption for each customer classification.

Customer Classification (1)	Average Daily Consumption, 100 Gallons (2)	Allocation Factor (3)
Residential	520,419	0.601050
Commercial	271,530	0.313599
Industrial	50,053	0.057808
Public	18,137	0.020947
Other Water Utilities	1	0.000001
Private Fire Protection	2,799	0.003233
Public Fire Protection	<u>2,911</u>	<u>0.003362</u>
Total	<u><u>865,850</u></u>	<u><u>1.000000</u></u>

FACTOR 2. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE AND MAXIMUM DAY EXTRA CAPACITY FUNCTIONS.

Factors are based on the weighting of the factors for average daily consumption (Factor 1) and the factors derived from maximum day extra capacity demand for each customer classification , as follows:

Customer Classification (1)	Average Daily Consumption		Maximum Day Extra Capacity		Allocation Factor (6)=(3)+(5)
	Allocation Factor 1 (2)	Weighted Factor (3)=(2)x 0.714300	Allocation Factor (4)	Weighted Factor (5)=(4)x 0.285700	
Residential	0.601050	0.429331	0.638077	0.182299	0.61163
Commercial	0.313599	0.224004	0.302653	0.086468	0.31047
Industrial	0.057808	0.041292	0.039053	0.011157	0.05245
Public	0.020947	0.014962	0.020216	0.005776	0.02074
Other Water Utilities	0.000001	0.000001	0.000001	0.000000	0.00000
Private Fire Protection	0.003233	0.002309			0.00231
Public Fire Protection	<u>0.003362</u>	<u>0.002401</u>			<u>0.00240</u>
Total	<u><u>1.000000</u></u>	<u><u>0.714300</u></u>	<u><u>1.000000</u></u>	<u><u>0.285700</u></u>	<u><u>1.000000</u></u>

The derivation of the maximum day extra capacity factors in column 4 and the basis for the column 3 and 5 weightings are presented on the following page.

AQUA PENNSYLVANIA, INC.

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 2. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE AND MAXIMUM DAY EXTRA CAPACITY FUNCTIONS, cont.

Customer Classification	Average Daily Consumption, 100 Gallons	Maximum Day Extra Capacity		
		Factor*	Rate of Flow, 100 Gallons Per Day	Allocation Factor
			(4)=(2)x(3)	
(1)	(2)	(3)	(4)	(5)
Residential	520,419	1.1	572,460.9	0.638077
Commercial	271,530	1.0	271,530.0	0.302653
Industrial	50,053	0.7	35,037.1	0.039053
Public	18,137	1.0	18,137.0	0.020216
Other Water Utilities	1	0.7	0.7	0.000001
Total	<u>860,140</u>		<u>897,165.7</u>	<u>1.000000</u>

The weightings of the factors is based on the maximum day ratio of 1.40, based on a review of maximum day ratios experienced during the period 1966 through 2017 (see Schedule F)

Maximum Day Ratio	Weight
Average Day	0.7143
Maximum Day	
Extra Capacity	0.2857
Total	1.0000

\* Ratio of maximum day to average day minus 1.0.

AQUA PENNSYLVANIA, INC.

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 3. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE, MAXIMUM DAY EXTRA CAPACITY AND FIRE PROTECTION FUNCTIONS.

Factors are based on the weighting of the average daily consumption, the maximum day extra capacity demand, and the fire protection demand for each customer classification.

Customer Classification (1)	Average Daily Consumption		Maximum Day Extra Capacity		Fire Protection	
	Allocation Factor (2)	Weighted Factor (3)=(2) X 0.664417	Allocation Factor (4)	Weighted Factor (5)=(4) X 0.265767	Allocation Factor (6)	Weighted Factor (7)=(6) X 0.069816
Residential	0.601050	0.399346	0.638077	0.169580	0.019553	0.001365
Commercial	0.313599	0.208361	0.302653	0.080435		0.570291
Industrial	0.057808	0.038409	0.039053	0.010379		0.288796
Public	0.020947	0.013918	0.020216	0.005373		0.048788
Other Water Utilities	0.000001	0.000001	0.000001	0.000000		0.019291
Private Fire Protection	0.003233	0.002148			0.351208	0.024520
Public Fire Protection	<u>0.003362</u>	<u>0.002234</u>			<u>0.629239</u>	<u>0.043931</u>
Total	<u>1.000000</u>	<u>0.664417</u>	<u>1.000000</u>	<u>0.265767</u>	<u>1.000000</u>	<u>0.069816</u>
						<u>1.000000</u>

AQUA PENNSYLVANIA, INC.

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 3. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE, MAXIMUM DAY EXTRA CAPACITY AND FIRE PROTECTION FUNCTIONS, cont.

The weightings of the factors is based on the potential demand of general and fire protection service. The bases for the potential demand of general service are the maximum day ratio of 1.40 and the total system sendout for the test year of 146 mgd. The ratio is based on a review of the experienced maximum day ratios during the period 1966 through 2020 (see Schedule F). The system demand for fire protection is 20,000 gpm for 10 hours.

	Ratio	Rate of Flow, (GPD)	Weight
Average Day	1.00	114,199,391	0.664417
Maximum Day			
Extra Capacity	0.40	45,679,756	0.265767
Subtotal	<u>1.40</u>	159,879,147	0.930184
Fire Protection		<u>12,000,000</u>	<u>0.069816</u>
Total		<u>171,879,147</u>	<u>1.000000</u>

The public and private fire protection allocation factors in column 6 on the previous page are based on the relative potential demands (see Schedule G).

AQUA PENNSYLVANIA, INC.

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

**FACTOR 4. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE AND MAXIMUM HOUR EXTRA CAPACITY FUNCTIONS.**

Factors are based on the weighting of the average daily consumption, the maximum day extra capacity demand, and the fire protection demand for each customer classification.

Customer Classification	Average Hourly Consumption			Maximum Hour Extra Capacity			Fire Protection		
	100 Gals.	Allocation Factor	(3)	Allocation Factor	Weighted Factor	(5)	Allocation Factor	Weighted Factor	(8)=(7) X 0.112000
Residential	21,684.1	0.601050	0.2666867	0.670241	0.297587	0.019553	0.002190	0.566644	
Commercial	11,313.8	0.313601	0.139239	0.279762	0.124214			0.263453	
Industrial	2,085.5	0.057807	0.025666	0.031310	0.013902			0.039568	
Public	755.7	0.020947	0.009300	0.018687	0.008297			0.017597	
Other Water Utilities	0.0	0.000000	0.000000	0.000000	0.000000			0.000000	
Private Fire Protection	116.6	0.003232	0.001435			0.351208	0.039335	0.040770	
Public Fire Protection	121.3	0.003362	0.001493			0.629239	0.070475	0.071968	
Total	<u>36,077.0</u>	<u>0.999999</u>	<u>0.444000</u>	<u>1.000000</u>	<u>0.444000</u>	<u>1.000000</u>	<u>0.112000</u>	<u>1.000000</u>	<u>1.000000</u>

The maximum hour extra capacity factors in column 5 are determined as follows:

AQUA PENNSYLVANIA, INC.

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 4. ALLOCATION OF COSTS ASSOCIATED WITH FACILITIES SERVING BASE AND MAXIMUM HOUR EXTRA CAPACITY FUNCTIONS, cont.

The weightings of the factors is based on the potential demand of general and fire protection service. The bases for the potential demand of general service are the maximum hour ratio of 2.0 and the total system sendout for the test year of 114 mgd. The ratio is based on a review of the experienced maximum hour ratios during the period 1966 through 2020 (see Schedule F) The system demand for fire protection is 20,000 gpm.

	Ratio	Rate of Flow, (GPM)	Weight
Average Hour	1.00	79,305	0.4440
Maximum Hour			
Extra Capacity	1.00	79,305	0.4440
Subtotal	<u>2.00</u>	158,610	0.8880
Fire Protection		20,000	0.1120
Total		<u>178,610</u>	<u>1.0000</u>

The maximum hour extra capacity factors in column 5 of the previous page are determined as follows:

Customer Classification (1)	Average Hourly Consumption 100 Gals. (2)	Maximum Hour Extra Capacity		
		Factor* (3)	100 Gals. Per Hour (4)=(2)x(3)	Allocation Factor (5)
Residential	21,684.1	3.5	75,894.4	0.670241
Commercial	11,313.8	2.8	31,678.6	0.279762
Industrial	2,085.5	1.7	3,545.4	0.031310
Public	755.7	2.8	2,116.0	0.018687
Other Water Utilities	0.0	1.5	0.0	0.000000
Total	<u>35,839.1</u>		<u>113,234.3</u>	<u>1.000000</u>

\* Ratio of Maximum Hour To Average Hour Minus 1.0.

The public and private fire protection allocation factors in column 7 on the previous page are based on the relative potential demands (see Schedule G).

AQUA PENNSYLVANIA, INC.

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 5. ALLOCATION OF COSTS ASSOCIATED WITH STORAGE FACILITIES.

Factors are based on the weightings of the average hourly consumption, the maximum hour extra capacity demand, and the fire protection demand for each customer classification.

Customer Classification	Average Hourly Consumption			Maximum Hour Extra Capacity			Fire Protection		
	100 Gals.	Allocation Factor	Weighted Factor	Allocation Factor	Weighted Factor	Allocation Factor	Weighted Factor	(8)=(7) X	(9)=(4)+(6)+(8)
(1)	(2)	(3)	(4)=(3) X	(5)	(6)=(5) X	(7)	(8)	(9)	
Residential	21,684.1	0.601051	0.284478	0.670241	0.317293	0.019553	0.001042	0.602813	
Commercial	11,313.8	0.313601	0.148427	0.279762	0.132439			0.280866	
Industrial	2,085.5	0.057807	0.027360	0.031310	0.014822			0.042182	
Public	755.7	0.020947	0.009914	0.018687	0.008846			0.018760	
Other Water Utilities	0.0	0.000000	0.000000	0.000000	0.000000			0.000000	
Private Fire Protection	116.6	0.003232	0.001530			0.351208	0.018719	0.020249	
Public Fire Protection	121.3	0.003362	0.001591			0.629239	0.033539	0.035130	
Total	<u>36,077.0</u>	<u>1.000000</u>	<u>0.473300</u>	<u>1.000000</u>	<u>0.473400</u>	<u>1.000000</u>	<u>0.053300</u>	<u>1.000000</u>	

The weighting of the factors is based on the ratio of the capacity required for a 10-hour demand of fire flow, as related to total storage capacity.  
The calculation is shown on the following page.

AQUA PENNSYLVANIA, INC.

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 5. ALLOCATION OF COSTS ASSOCIATED WITH STORAGE FACILITIES, cont.

The weighting of the factors is based on the ratio of the capacity required for a 10-hour demand of fire flow, as related to total storage capacity.

$$\text{Fire Protection Weight} = \frac{20,000 \text{ GPM} \times 60 \text{ Min.} \times 10 \text{ Hours}}{225,076,672 \text{ Gallons}} = 0.0533$$

$$\text{General Service Weight} = 1.0000 - 0.0533 = 0.9467$$

The weighting of the average hourly consumption and maximum hour extra demand for general service is based on the maximum hour ratio, as follows:

	Maximum Hour Ratio	Percent	Weight
Average Hour	1.00	50.00	0.4733
Extra Capacity			
Maximum Hour	1.00	50.00	0.4734
Total	<u><u>2.00</u></u>	<u><u>100.00</u></u>	<u><u>0.9467</u></u>

AQUA PENNSYLVANIA, INC.

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 6. ALLOCATION OF COSTS ASSOCIATED WITH FIRE HYDRANTS.

Factors are based on the number of hydrants, as follows:

Customer Classification (1)	Number of Hydrants (2)	Allocation Factor (3)
Private Fire Protection	2,248	0.0965
Public Fire Protection	<u>21,058</u>	<u>0.9035</u>
Total	<u><u>23,306</u></u>	<u><u>1.0000</u></u>

FACTOR 7 AND 7A. ALLOCATION OF COSTS ASSOCIATED WITH METERS.

Factors are based on the relative cost of meters by size and customer classification, as developed on the following page and summarized below:

Customer Classification (1)	5/8" Dollar Equivalents (2)	Factor 8 Allocation Factor (3)	Factor 8A Allocation Factor (3)
Residential	392,385	0.878940	0.901549
Commercial	37,457	0.083903	0.086062
Industrial	2,159	0.004836	0.004961
Public	3,216	0.007204	0.007389
Other Water Utilities	17	0.000038	0.000039
Private Fire Protection	<u>11,196</u>	<u>0.025079</u>	<u><u>0.025079</u></u>
Total	<u><u>446,430</u></u>	<u><u>1.000000</u></u>	<u><u>1.000000</u></u>

AQUA PENNSYLVANIA, INC.

BASIS FOR ALLOCATING METER COSTS TO CUSTOMER CLASSIFICATIONS

Meter Size	5/8" Dollar Equivalent	Residential				Commercial				Industrial				Public				Other Water Utilities				Private Fire Protection				Total						
		Number of Meters		Weighting		Number of Meters		Weighting		Number of Meters		Weighting		Number of Meters		Weighting		Number of Meters		Weighting		Number of Meters		Weighting		Number of Meters		Weighting				
		(1)	(2)	(3)	(4)=(2)X(3)	(5)	(6)=(2)X(5)	(7)	(8)=(2)X(7)	(9)	(10)=(2)X(9)	(11)	(12)=(2)X(11)	(13)	(14)=(2)X(11)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)					
5/8	1.00	374,954	374,954	10,890	1,851	10,876	1,962	212	212	348	348	0	0	0	11,196	11,196	397,586	397,586	0	0	0	0	0	0	0	0	12,273	13,009				
3/4	1.06	10,274	10,274	3,279	6,155	3,279	3,804	177	205	219	254	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,981	10,418			
1	1.16	5,306	5,306	249	139	2,282	4,085	61	109	98	175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,580	4,618		
1-1/2	1.79	58	58	137	2,783	6,596	146	346	214	507	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,201	7,586	
2	2.37	0	0	0	619	3,435	35	194	127	705	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	781	4,334	
3	5.55	0	0	0	446	3,684	48	396	94	776	2	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	590	4,873	
4	8.26	0	0	0	156	2,148	29	399	14	193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	199	2,740	
6	13.77	0	0	0	38	740	7	136	7	136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	1,012
8	19.48	0	0	0	6	127	5	106	1	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	- 254 -
10	21.24	0	0	0	2,159	2,159	2,159	3,216	2	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		390,731	392,385	22,336	37,457	773	2,159	1,217	3,216	2	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	446,430	426,255	

AQUA PENNSYLVANIA, INC.

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 8. ALLOCATION OF COSTS ASSOCIATED WITH SERVICES.

Factors are based on the relative cost of services by size and customer classification, as developed on the following page and summarized below:

Customer Classification (1)	3/4" Dollar Equivalents (2)	Allocation Factor (3)
Residential	393,736	0.884195
Commercial	30,474	0.068434
Industrial	1,283	0.002881
Public	2,077	0.004664
Other Water Utilities	6	0.000013
Private Fire Protection	<u>17,729</u>	<u>0.039813</u>
Total	<u><u>445,305</u></u>	<u><u>1.000000</u></u>

AQUA PENNSYLVANIA, INC.

BASIS FOR ALLOCATING SERVICE COSTS TO CUSTOMER CLASSIFICATIONS

Service Size	3/4" Dollar Equivalent	Residential		Commercial		Industrial		Public		Other Water Utilities		Private Fire Protection		Total									
		Number of Services	Weighting (4)=(2)X(3)	Number of Services	Weighting (6)=(2)X(5)	Number of Services	Weighting (8)=(2)X(7)	Number of Services	Weighting (9)	Number of Services	Weighting (10)=(2)X(9)	Number of Services	Weighting (11)	Number of Services	Weighting (12)=(2)X(11)	Number of Services	Weighting (13)	Number of Services	Weighting (14)=(2)X(11)	Number of Services	Weighting (15)	Number of Services	Weighting (16)
3/4	1.00	385,228	385,228	12,727	12,727	265	265	443	443	0	0	0	0	0	0	0	0	0	0	398,663	398,663		
1	1.54	5,306	8,171	3,279	5,050	177	273	219	337	0	0	0	0	252	388	9,233	14,219						
1-1/2	1.68	139	234	2,282	3,834	61	102	98	165	0	0	0	0	149	250	2,729	4,585						
2	1.78	58	103	2,783	4,954	146	260	214	381	0	0	0	0	385	685	3,586	6,383						
4	3.09	0	0	1,065	3,291	83	256	221	683	2	6	6	1,874	5,791	3,245	10,027							
6	3.09	0	0	156	482	29	90	14	43	0	0	0	0	2,463	7,611	2,662	8,226						
8	3.09	0	0	38	117	7	22	7	22	0	0	0	0	919	2,840	971	3,001						
10	3.09	0	0	6	19	5	15	1	3	0	0	0	0	52	161	64	198						
12	3.09															1	3	1	3	1	3	1	3
Total		<u>390,731</u>	<u>393,736</u>	<u>22,336</u>	<u>30,474</u>	<u>773</u>	<u>1,283</u>	<u>1,217</u>	<u>2,077</u>	<u>2</u>	<u>6</u>	<u>6</u>	<u>6,095</u>	<u>17,729</u>	<u>421,154</u>	<u>445,305</u>							

AQUA PENNSYLVANIA, INC.

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 9. ALLOCATION OF BILLING AND COLLECTING COSTS.

Factors are based on number of bills

Customer Classification (1)	Total Bills (2)	Allocation Factor (3)
Residential	4,688,773	0.927425
Commercial	268,009	0.053011
Industrial	9,274	0.001834
Public	14,605	0.002889
Other Water Utilities	24	0.000005
Private Fire Protection	73,140	0.014467
Public Fire Protection	1,864	0.000369
 Total	 <u>5,055,688</u>	 <u>1.000000</u>

FACTOR 10. ALLOCATION OF METER READING COSTS.

Factors are based on number of bills for metered customers

Customer Classification (1)	Total Bills (2)	Allocation Factor (3)
Residential	4,688,773	0.927767
Commercial	268,009	0.053031
Industrial	9,274	0.001835
Public	14,605	0.002890
Other Water Utilities	24	0.000005
Private Fire Protection	73,140	0.014472
 Total	 <u>5,053,824</u>	 <u>1.000000</u>

AQUA PENNSYLVANIA, INC.

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

**FACTOR 11. ALLOCATION OF CUSTOMERS' ACCOUNTING AND COLLECTING EXPENSES, MATERIALS AND SUPPLIES.**

Factors are based on customers' accounting and collecting expenses, meter reading and billing and collecting expenses as follows:

Customer Classification (1)	Operating Expenses (2)	Allocation Factor (3)
Residential	\$ 11,176,675	0.927504
Commercial	638,853	0.053016
Industrial	22,103	0.001834
Public	34,816	0.002889
Other Water Utilities	60	0.000005
Private Fire Protection	174,345	0.014468
Public Fire Protection	3,423	0.000284
<b>Total</b>	<b>\$ 12,050,275</b>	<b>1.000000</b>

**FACTOR 12. ALLOCATION OF TRANSMISSION AND DISTRIBUTION OPERATION AND MAINTENANCE SUPERVISION AND ENGINEERING, MAPS AND RECORDS AND OTHER DEPARTMENTAL EXPENSES.**

Factors are based on transmission and distribution operation expenses other than those being allocated, as follows:

Customer Classification (1)	Transmission and Distribution Operating Expenses (2)	Allocation Factor (3)
Residential	\$ 4,734,017	0.757347
Commercial	846,509	0.135425
Industrial	95,879	0.015339
Public	62,652	0.010023
Other Water Utilities	149	0.000024
Private Fire Protection	191,136	0.030578
Public Fire Protection	320,438	0.051264
<b>Total</b>	<b>\$ 6,250,781</b>	<b>1.000000</b>

AQUA PENNSYLVANIA, INC.

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 13. ALLOCATION OF TRANSMISSION AND DISTRIBUTION MAINTENANCE EXPENSES.

Factors are based on transmission and distribution maintenance expenses other than those being allocated, as follows:

Customer Classification	Transmission & Distribution		Allocation Factor
	Maintenance	Labor	
(1)	(2)	(3)	
Residential	\$1,313,214		0.5884
Commercial	388,233		0.1740
Industrial	54,296		0.0243
Public	26,168		0.0117
Other Water Utilities	12		0.0000
Private Fire Protection	101,545		0.0455
Public Fire Protection	348,345		0.1561
Total	<u>\$2,231,813</u>		<u>1.0000</u>

FACTOR 14. ALLOCATION OF ADMINISTRATIVE AND GENERAL EXPENSES

Factors are based on the allocation of all other operation and maintenance expenses excluding purchased water, power and chemicals.

Customer Classification	Operation & Maintenance Expenses		Allocation Factor
	(1)	(2)	
Residential	\$31,441,860		0.7413
Commercial	6,963,122		0.1642
Industrial	965,486		0.0228
Public	468,506		0.0110
Other Water Utilities	380		0.0000
Private Fire Protection	874,621		0.0206
Public Fire Protection	1,699,967		0.0401
Total	<u>\$42,413,941</u>		<u>1.0000</u>

AQUA PENNSYLVANIA, INC.

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 15. ALLOCATION OF CASH WORKING - EXPENSES

Factors are based on the allocation of total operation and maintenance expenses.

Customer Classification (1)	Operation & Maintenance Expenses (2)	Allocation Factor (3)
Residential	\$83,371,676	0.7178
Commercial	21,900,991	0.1886
Industrial	3,299,990	0.0284
Public	1,472,191	0.0127
Other Water Utilities	909	0.0000
Private Fire Protection	2,086,465	0.0180
Public Fire Protection	<u>4,015,541</u>	<u>0.0346</u>
Total	<u>\$116,147,762</u>	<u>1.0000</u>

AQUA PENNSYLVANIA, INC.

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 16. ALLOCATION OF LABOR RELATED TAXES AND BENEFITS.

Factors are based on the allocation of direct labor expense.

Customer Classification (1)	Direct Labor Expense (2)	Allocation Factor (3)
Residential	\$25,214,975	0.7128
Commercial	6,553,569	0.1853
Industrial	944,083	0.0267
Public	446,772	0.0126
Other Water Utilities	371	0.0000
Private Fire Protection	734,222	0.0208
Public Fire Protection	<u>1,480,324</u>	<u>0.0418</u>
Total	<u><u>\$35,374,317</u></u>	<u><u>1.0000</u></u>

FACTOR 17. ALLOCATION OF ORGANIZATION, FRANCHISES AND CONSENTS, MISCELLANEOUS INTANGIBLE PLANT AND OTHER RATE BASE ELEMENTS.

Factors are based on the allocation of the original cost less depreciation other than those items being allocated, as follows:

Customer Classification (1)	Original Cost Less Depreciation (2)	Allocation Factor (3)
Residential	\$2,552,915,713	0.610289
Commercial	1,009,323,456	0.241284
Industrial	154,414,231	0.036914
Public	67,591,006	0.016158
Other Water Utilities	11,446	0.000003
Private Fire Protection	136,146,045	0.032546
Public Fire Protection	<u>262,727,445</u>	<u>0.062806</u>
Total	<u><u>\$4,183,129,342</u></u>	<u><u>1.000000</u></u>

AQUA PENNSYLVANIA, INC.

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 18. ALLOCATION OF INCOME TAXES AND INCOME AVAILABLE FOR RETURN.

Factors are base on the allocation of the original cost measure of value rate base as shown on the following pages and summarized below.

Customer Classification (1)	Original Cost Measure of Value (2)	Allocation Factor (3)
Residential	\$2,330,468,439	0.610341
Commercial	921,173,482	0.241253
Industrial	140,924,470	0.036908
Public	61,687,972	0.016156
Other Water Utilities	10,361	0.000003
Private Fire Protection	124,253,386	0.032542
Public Fire Protection	<u>239,777,907</u>	<u>0.062797</u>
Total	<u>\$3,818,296,017</u>	<u>1.000000</u>

FACTOR 19. ALLOCATION OF REGULATORY COMMISSION EXPENSES, ASSESSMENTS AND OTHER WATER REVENUES.

The factors are based on the allocation of the total cost of service, excluding those items being allocated.

Customer Classification (1)	Total Cost of Service (2)	Allocation Factor (3)
Residential	\$383,778,521	0.676232
Commercial	131,265,612	0.231295
Industrial	19,806,920	0.034901
Public	8,841,759	0.015580
Other Water Utilities	2,496	0.000004
Private Fire Protection	16,132,433	0.028426
Public Fire Protection	<u>7,696,906</u>	<u>0.013562</u>
Total	<u>\$567,524,647</u>	<u>1.000000</u>

AQUA PENNSYLVANIA, INC.

RESIDENTIAL, COMMERCIAL, INDUSTRIAL, PUBLIC, SALES TO OTHER WATER UTILITIES AND FIRE PROTECTION CUSTOMER CLASSIFICATIONS

Account (1)	Factor Ref. (2)	Measure of Value (3)	Residential (4)	Commercial (5)	Industrial (6)	Other Public Authority (7)	Other Water Utilities (8)	Private Fire Protection (9)	Public Fire Protection (10)
<b>NONDEPRECIABLE PLANT</b>									
301 Organization	17	6,951,060	4,242,155	1,677,180	256,591	112,315	21	226,229	436,568
302 Franchise and Consents	17	2,883,289	1,759,640	695,692	106,434	46,588	9	93,840	181,088
303 Miscellaneous Intangible Plant	17	2,680,187	1,635,688	646,686	98,936	43,306	8	87,229	168,332
303.1 Water Rights	1	1,703,879	1,024,117	534,335	98,498	35,691	2	5,509	5,728
303.1 Reservoir Land	1	2,826,590	1,698,922	886,416	163,400	59,209	3	9,138	9,503
303.1 Other Sources of Supply Land	2	8,539,917	5,223,289	2,651,405	447,910	177,101	9	19,719	20,504
303.2 Power and Pumping Land	3	1,543,290	880,125	445,696	75,294	29,772	2	41,156	71,246
303.3 Purification Land	2	1,408,638	861,566	437,343	73,882	29,212	1	3,253	3,382
303.4 T&D Right of Way	3	1,339,654	763,994	386,887	65,359	25,843	1	35,726	61,845
303.5 Distr. Reservoir & Standpipe Land	5	1,314,949	792,668	369,324	55,487	24,668	-	26,626	46,194
303.6 Office Land	14	3,128,180	2,318,951	513,556	71,207	34,554	28	64,506	125,377
303.6 Stores, Shop and Garage Land	14	1,002,955	743,500	164,656	22,830	11,079	9	40,682	40,198
303.6 Miscellaneous Land	14	1,066,770	790,807	175,133	24,283	11,784	10	21,998	42,756
Total Nondepreciable Plant		36,389,358	22,735,402	9,584,309	1,560,091	641,122	103	655,611	1,212,721
<b>DEPRECIAABLE PLANT</b>									
304.2 Power and Pumping Structures	2	16,443,818	10,057,532	5,105,345	862,462	341,012	16	37,969	39,482
304.2 Major Treatment Plants	3	38,659,535	22,047,185	11,164,719	1,886,121	745,781	39	1,030,972	1,784,717
304.3 Other Structures									
304.3 Purification Buildings	2	126,424,905	77,325,265	39,251,393	6,630,860	2,621,800	126	291,915	303,546
304.3 Major Treatment Plants	2	53,163,062	32,516,124	16,505,642	2,788,349	1,102,496	53	122,754	127,645
304.3 Other Structures	2	65,268,427	48,384,138	10,715,183	1,485,705	720,955	587	1,345,900	2,615,989

**AQUA PENNSYLVANIA, INC.**  
**RESIDENTIAL, COMMERCIAL, INDUSTRIAL, PUBLIC, SALES TO OTHER WATER UTILITIES AND FIRE PROTECTION CUSTOMER CLASSIFICATIONS**  
**FACTOR 18. ORIGINAL COST MEASURE OF VALUE RATE BASE ALLOCATED TO**

Account (1)	Factor Ref. (2)	Measure of Value (3)	Residential (4)	Commercial (5)	Industrial (6)	Other Public Authority (7)	Other Water Utilities (8)	Private Fire Protection (9)	Public Fire Protection (10)
304.3 Stores, Shop and Garage Bldgs.	14	4,717,357	3,497,024	774,453	107,381	52,108	42	97,277	189,072
304.3 Misc Structures and Impr.	14	20,191,917	14,998,470	3314,927	459,629	223,040	182	416,378	809,292
305 Collecting & Impounding Res.	1	31,432,367	18,892,424	9,857,159	1,817,042	658,414	31	101,621	105,676
306 Lake, River and Other Intakes	2	13,746,854	8,407,988	4,268,013	721,009	285,082	14	31,741	33,006
307 Wells and Springs	2	52,178,120	31,913,704	16,199,845	2,736,680	1,062,070	52	120,479	125,280
310.4 Other Power Producing Equipment	3	24,772,230	14,127,380	7,154,121	1,208,588	477,881	25	660,626	1,143,610
311 Electric Pumping Equipment	3	62,819,883	35,825,620	18,142,134	3,064,857	1,211,859	63	1,675,281	2,900,080
320 Purification Systems	2	80,614,614	49,306,317	25,028,580	4,228,156	1,671,786	81	186,139	193,556
Wells & Boosters	2	41,586,075	25,435,291	12,911,312	2,181,148	862,412	42	96,022	99,848
Equipment	2	102,446,533	62,659,373	31,306,780	5,373,218	2,124,536	102	236,549	245,974
Computers	2	0	-	-	-	-	-	-	-
Painting	2	46,853	28,657	14,547	2,457	972	-	108	112
Filter Media	2	0	-	-	-	-	-	-	-
Distr. Reservoirs & Standpipes	5	65,445,451	39,451,369	18,381,402	2,760,620	1,227,757	-	1,325,205	2,299,099
Tanks	5	25,091,718	15,125,614	7,047,410	1,058,419	470,721	-	508,082	881,472
Tank Painting	5	-	-	-	-	-	-	-	-
Mains & Accessories	3	521,038,295	297,143,450	150,473,775	25,420,416	10,051,350	521	13,895,049	24,053,733
12 Inch and Over	4	2,096,019,991	1,187,697,152	552,202,755	82,935,319	36,833,664	-	85,454,735	150,846,367
Under 12 Inch	4	414,199,625	366,233,237	28,345,337	1,193,309	1,931,827	5,385	16,490,530	-
Services	8	-	-	-	-	-	-	-	-
Meters	7	53,503,337	47,026,223	4,489,090	258,742	385,438	2,033	1,341,810	-
Remote	7A	18,414,302	16,601,396	1,584,772	91,353	136,063	718	-	-
ERTS	6	74,489,199	-	-	-	-	-	7,188,208	67,300,991
Fire Hydrants	7	235,113	206,650	19,727	1,137	1,694	9	5,896	-
Back Flow Prevention Devices	14	0	-	-	-	-	-	-	-
Other Plant and Misc.	14	-	-	-	-	-	-	-	-
Office Furniture & Equipment	14	4,501,699	3,337,154	739,048	102,472	49,726	41	92,830	180,428
Furniture	14	838,337	621,468	137,631	19,083	9,260	8	17,287	33,601
Mechanical Equipment	14	-	-	-	-	-	-	-	-
Computers	14	89,468,742	66,316,660	14,986,531	2,036,349	988,161	805	1,844,729	3,585,506
Transportation Equipment	14	13,263,308	9,832,223	2,177,451	301,913	146,507	119	273,503	531,593
Vehicles	14	2,983,194	2,174,406	481,545	66,768	32,400	26	60,485	117,582
Other	14	2,690,953	1,984,831	441,776	61,254	29,724	24	55,490	107,853
Stores Equipment	14	714,728	529,836	117,338	16,269	7,895	6	14,738	28,646
Shop Equipment	14	11,116,435	8,240,724	1,824,996	253,043	122,792	100	229,232	445,547
Tools & Work Equipment - General	2	1,479,805	905,093	459,438	77,614	30,688	1	3,417	3,553
Laboratory Equipment	-	-	-	-	-	-	-	-	-
Conventional	-	-	-	-	-	-	-	-	-

AQUA PENNSYLVANIA, INC.

RESIDENTIAL, COMMERCIAL, INDUSTRIAL, PUBLIC, SALES TO OTHER WATER UTILITIES AND FIRE PROTECTION CUSTOMER CLASSIFICATIONS

Account (1)	Factor Ref. (2)	Measure of Value (3)	Residential (4)	Commercial (5)	Industrial (6)	Other Public Authority (7)	Other Water Utilities (8)	Private Fire Protection (9)	Public Fire Protection (10)
346	Electronic Communication Equipment	2	2,463,265	1,506,607	764,775	129,196	51,083	2	5,914
	Communication Equipment	14	11,873,396	8,801,867	1,949,267	270,274	131,154	107	244,841
	SCADA Equipment	3	14,143,814	8,066,090	4,084,677	690,948	272,848	14	475,886
	Miscellaneous Equipment	14	805,485	597,114	132,237	18,335	8,897	7	652,949
	Other Intangible Plant	14	21,769	16,138	3,574	496	240	-	32,284
	Total Depreciable Plant		4,159,254,521	2,637,817,794	1,002,758,705	153,316,101	67,152,093	11,381	873
	Total Utility Plant		4,195,643,879	2,560,553,196	1,012,343,014	154,876,192	67,793,215	11,484	135,897,732
									262,300,712
	<u>OTHER RATE BASE ELEMENTS</u>								
	Materials and Supplies	17	7,672,303	4,682,322	1,851,204	283,215	123,969	23	481,867
	Cash Working Capital - Expenses	14	1,576,000	1,168,305	258,733	35,874	17,408	14	32,499
	Acquisition Adjustment	17	5,918,960	3,612,276	1,428,150	218,492	95,639	18	192,638
	Cash Working Capital - P/R Tax	16				-	-	-	371,746
	Customer Advances	17	(392,515,121)	(239,547,661)	(94,707,619)	(14,489,303)	(6,342,259)	(1,178)	(24,652,305)
	Total Other Rate Base Elements		(377,347,858)	(230,084,757)	(91,169,532)	(13,951,722)	(6,105,243)	(1,123)	(23,735,526)
	Total Original Cost Measure of Value		3,818,296,020	2,330,468,439	921,173,482	140,924,470	61,687,972	10,361	124,253,386
									239,777,907

AQUA PENNSYLVANIA, INC.

FACTORS FOR ALLOCATING COST OF SERVICE TO CUSTOMER CLASSIFICATIONS, cont.

FACTOR 20. ALLOCATION OF UNRECOVERED PUBLIC FIRE PROTECTION.

These costs are deducted directly from the Public Fire Protection Classification.

Customer Classification <hr/> (1)	Allocation Factor <hr/> (2)
Public Fire Protection	1.0000

FACTOR 21. REALLOCATION OF UNRECOVERED PUBLIC FIRE PROTECTION.

These costs are allocated based on meter equivalents.

Customer Classification <hr/> (1)	5/8" Dollar Equivalents <hr/> (2)	Allocation Factor <hr/> (3)
Residential	392,385	0.901585
Commercial	37,457	0.086065
Industrial	2,159	0.004961
Public	3,216	0.007389
Total	<u>435,217</u>	<u>1.000000</u>

AQUA PENNSYLVANIA, INC.

SUMMARY OF AVERAGE DAILY SEND OUT,  
MAXIMUM DAILY USE AND MAXIMUM HOURLY USE FOR THE YEARS 1962 - 2020

Year (1)	Average Daily Send Out (MGD) (2)	Maximum Daily Use			Maximum Hourly Use		
		MGD (3)	Ratio to Average (4)	Highest Use Day (5)	MGD (6)	Ratio to Average (7)	Highest Use Hour (8)
1962	56.90	78.18	1.37	5/19/62	131.83	2.32	6-7PM
1963	59.10	88.52	1.50	6/27/63	145.10	2.46	7-8PM
1966	66.50	94.68	1.42	6/25/66	133.20	2.00	7-8PM
1967	68.80	101.83	1.48	6/16/67	152.40	2.22	8-9PM
1968	72.90	92.06	1.26	7/23/68	152.11	2.09	7-8PM
1969	73.90	93.41	1.26	5/29/69	129.98	1.76	6-7PM
1970	74.60	91.28	1.22	9/24/70	129.46	1.74	6-7PM
1971	76.20	99.97	1.31	7/08/71	145.60	1.91	8-9PM
1972	75.90	94.35	1.24	8/25/72	137.59	1.81	6-7PM
1973	76.30	95.65	1.25	6/11/73	142.13	1.86	10-11AM
1974	77.60	97.21	1.25	6/10/74	134.21	1.73	7-8PM
1975	77.10	90.78	1.18	5/24/75	136.70	1.77	9-10AM
1976	79.40	96.90	1.22	6/10/76	132.20	1.66	7-8AM
1977	79.60	100.51	1.26	5/28/77	149.21	1.87	10-11AM
1978	78.60	91.53	1.16	6/19/78	129.77	1.65	8-9AM
1979	78.20	88.75	1.13	5/10/79	122.81	1.57	7-8AM
1980	80.80	102.04	1.26	7/15/80	147.88	1.83	7-8PM
1981	76.80	86.30	1.12	6/16/81	118.08	1.54	9-10PM
1982	78.50	93.00	1.18	7/26/82	130.01	1.66	N/A
1983	80.70	104.43	1.29	7/16/83	146.66	1.82	10-11AM
1984	82.20	100.75	1.23	6/11/84	152.09	1.85	7-8PM
1985	81.30	92.21	1.13	4/22/85	129.19	1.59	7-8AM
1986	88.00	114.19	1.30	7/07/86	157.94	1.79	7-8PM
1987	87.40	107.84	1.23	8/04/87	147.12	1.68	7-8PM
1988	89.20	117.52	1.32	6/21/88	128.90	1.45	8-9PM
1989	87.90	101.19	1.15	7/11/89	138.00	1.57	7-8AM
1990	88.40	102.75	1.16	7/04/90	151.52	1.71	9-10AM
1991	87.20	113.49	1.30	6/10/91	159.00	1.82	8-9PM
1992	85.40	100.30	1.17	6/15/92	132.00	1.55	9-10AM
1993	89.10	118.80	1.33	7/10/93	170.00	1.91	9-10AM
1994	89.80	113.90	1.27	7/13/94	142.40	1.59	7-8AM
1995	92.60	121.80	1.32	7/15/95	180.15	1.95	9-10AM
1996	94.20	110.00	1.17	6/8/96	161.09	1.71	9-10AM
1997	103.80	142.53	1.37	7/16/97	205.57	1.98	7-8PM
1998	108.80	139.39	1.28	7/29/98	182.65	1.68	7-8AM
1999	108.10	148.16	1.37	7/16/99	198.99	1.84	8-9PM
2000	113.54	136.91	1.21	6/11/00	195.58	1.72	10-11AM
2001	119.11	160.48	1.35	8/8/01	228.58	1.92	11-12AM
2002	115.41	152.07	1.32	8/14/02	196.46	1.70	7-8AM
2003	111.22	130.48	1.17	6/30/03	172.19	1.55	7-8AM
2004	112.93	133.44	1.18	7/11/04	177.15	1.57	8-9PM
2005	116.28	142.40	1.22	6/26/05	192.45	1.66	10-11AM
2006	113.19	142.50	1.26	8/23/06	180.09	1.59	8-9AM
2007	114.41	137.64	1.20	8/4/07	190.15	1.66	9-10AM
2008	113.27	141.79	1.25	7/18/08	192.98	1.70	3-4PM
2009	106.32	123.45	1.16	5/25/09	173.22	1.63	11-12PM
2010	109.92	152.25	1.39	7/7/10	222.17	2.02	6-7PM
2011	108.90	149.69	1.37	7/22/11	210.20	1.93	10-11AM
2012 *	106.33	139.36	1.31	7/9/12	180.20	1.69	10-11PM
2013	129.91	**			**		
2014	125.67	**			**		
2015	121.52	**			**		
2016	121.10	**			**		
2017	116.50	**			**		
2018	116.54	**			**		
2019	115.27	**			**		
2020	114.20	**			**		

\* Data for 2012 and prior reflect southeast PA only.  
\*\* Maximum day and hour data not available State-wide.

AQUA PENNSYLVANIA, INC.

BASIS FOR ALLOCATING DEMAND RELATED COSTS OF FIRE SERVICE  
TO RESIDENTIAL AND PRIVATE AND PUBLIC FIRE PROTECTION CUSTOMER CLASSIFICATIONS

Description		Restrictive Diameters Squared	Quantity	Relative Demand (4)=(2)x(3)	Allocation Factor
	(1)	(2)	(3)	(4)	(5)
<u>GENERAL SERVICE - RESIDENTIAL</u>					
3/4	- inch meter	0.56	47	26	
1	- inch meter	1.00	8,983	8,983	
1-1/2	- inch meter	2.25	2,060	4,636	
2	- inch meter	4.00	<u>74</u>	<u>294</u>	
			11,164	13,939	0.019553
<u>PRIVATE FIRE PROTECTION</u>					
Hydrant	Lead	Nozzle Sizes			
6	6	2-2 1/2",1-4 1/2"	32.75	1,746	57,185
4	4	2-2 1/2",1-4 1/2"	16.00	200	3,200
4	4	2-2 1/2"	12.50	200	2,500
5	6	2-2 1/2",1-4"	25.00	102	2,550
<u>Fire Lines</u>					
1	-inch		1.00	252	252
1-1/2	-inch		2.25	149	335
2	-inch		4.00	385	1,540
3	-inch		9.00	3	27
4	-inch		16.00	1,871	29,936
6	-inch		36.00	2,463	88,668
8	-inch		64.00	919	58,816
10	-inch		100.00	52	5,200
12	-inch		144.00	<u>1</u>	<u>144</u>
Total Fire Lines			<u>6,095</u>	<u>184,918</u>	
Total Private Fire Protection			<u>8,343</u>	<u>250,353</u>	0.351208
<u>PUBLIC FIRE PROTECTION</u>					
Hydrant	Lead	Nozzle Sizes			
6	6	2-5"	25.00	14,752	368,800
6	6	2-2 1/2",	12.50	2,430	30,375
4	4	2-2 1/2",1-4 1/2"	16.00	95	1,520
4	4	2-2 1/2"	12.50	590	7,375
6	4	2-2 1/4",1-4 1/2"	16.00	167	2,672
5	6	2-2 1/2"	12.50	<u>3,024</u>	<u>37,800</u>
Total Public Fire Protection			<u>21,058</u>	<u>448,542</u>	<u>0.629239</u>
Total Fire Protection			<u>40,566</u>	<u>712,834</u>	<u>1.000000</u>

AQUA PENNSYLVANIA IINC.

CALCULATION OF COMMODITY/DEMAND RATES FOR STANDBY SERVICE

**Firm Standby Service:**

	Cost of Service		Units Hundred Gals.	Cost Per Unit
	Annual	Per Month		
<b>Description:</b>				
Total Base Costs	243,514,700			
Less: Variable Costs	<u>17,812,148</u>		313,951,100	0.0567 Per Hundred Gallons
Fixed Base Costs	225,702,552	\$18,808,546	860,140 Avg Day	21.8668 Per Hundred of Avg Day
Max Day Extra Capacity	46,656,897	\$3,888,075	1,757,306 Peak Day	2.2125 Per Hundred of Peak Day
Max Hour Extra Capacity	105,859,252	\$8,821,604	149,073 Peak Hour	59.1762 Per Hundred Peak Hour

**Interruptible Standby Service:**

	Cost of Service		Units Hundred Gals.	Cost Per Unit
	Annual	Per Month		
<b>Description:</b>				
Fixed Base Costs	225,702,552			
Less: Depreciation Return and Taxes	<u>199,908,214</u>			
Total	25,794,338	\$2,149,528	860,140 Avg Day	2.4990 Per Hundred of Avg Day
Max Day Extra Capacity	46,656,897			
Less: Depreciation Return and Taxes	<u>38,106,689</u>			
Total	8,550,208	\$712,517	1,757,306 Peak Day	0.4055 Per Hundred of Peak Day
Max Hour Extra Capacity	105,859,252			
Less: Depreciation Return and Taxes	<u>99,400,799</u>			
Total	6,458,453	\$538,204	149,073 Peak Hour	3.6103 Per Hundred Peak Hour
Depreciation, Return & Taxes for Base, Max Day and Max Hour	337,415,702			
Plus: Variable Costs	<u>17,812,148</u>			
Total	355,227,850		313,951,100	\$1.1315 Per Hundred Gallons

Aqua Pennsylvania, Inc.  
Current and Proposed Rates

	Current Rates	Zone 1 Proposed Rates	Change	Current Rates	Zone 2 Proposed Rates
<b>RESIDENTIAL</b>					
<b>Customer Charges:</b>					
5/8	18.00	22.40	24.4%	18.00	22.40
3/4	30.90	38.50	24.6%	23.90	38.50
1	52.50	65.30	24.4%	39.40	65.30
1-1/2	101.10	125.80	24.4%	63.70	125.80
2	143.90	179.10	24.5%	89.50	179.10
3	289.00	360.00	24.6%	125.00	360.00
4	470.00	585.00	24.5%	287.50	585.00
6	970.00	1,207.00	24.4%	970.00	1,207.00
8	1,697.00	2,112.00	24.5%	1,697.00	2,112.00
10	2,508.00	3,121.00	24.4%	2,508.00	3,121.00
12	3,037.50	3,780.00	24.4%		
5/8,3/4	20.21	24.61	21.8%	20.21	24.61
5/8,1	20.56	24.96	21.4%		
5/8,1-1/2	23.89	28.29	18.4%	23.89	28.29
5/8,2	26.00	30.40	16.9%	26.00	30.40
3/4,1	33.46	41.06	22.7%	33.46	33.46
3/4,1-1/2	36.79	44.39	20.7%		
3/4,2	38.90	46.50	19.5%		
1,1	55.06	67.86	23.2%		
1,1-1/2	58.39	71.19	21.9%		
1,2	60.50	73.30	21.2%		
1-1/2,1	97.76	110.56	13.1%		
1-1/2,1-1/2	101.09	113.89	12.7%		
1-1/2,2	103.20	116.00	12.4%		
2,1-1/2	136.59	149.39	9.4%		
2,2	138.70	151.50	9.2%		
<b>Consumption Charges:</b>					
1st block	1.0649	1.3490	26.7%	1.0649	1.3490
2nd block	1.2608	1.5971	26.7%	1.2608	1.5971
3rd block					
CC Gardens & Sand Springs					
1st block	0.7820	1.3490	72.5%		
2nd block	0.9300	1.5971	71.7%		
Beech Mountain	0.3365	0.6158	83.0%		
Bristol Township	0.5000	0.8575	71.5%		
Mifflin Township	0.8000	1.3490	68.6%		
Mt. Jewett	1.0649	1.3490	26.7%		
Robin Hood Lakes	0.8600	1.3490	56.9%		
Chalfont				1.0649	1.3490
Concord Park				0.6350	1.0566
Treasure Lake				0.5430	0.9204
Block Size (100 gallons)					
First	20	20		20	
Over	20	20		20	
	\$	12.17			

Schedule I  
2 of 6

**Aqua Pennsylvania, Inc.**  
**Current and Proposed Rates**

		Current Rates	Zone 1 Proposed Rates	Change	Current Rates	Zone 2 Proposed Rates
<b>COMMERCIAL</b>						
<b>Customer Charges:</b>						
5/8	18.00	22.40	24.4%	18.00	22.40	24.4%
3/4	30.90	38.50	24.6%	23.90	38.50	61.1%
1	52.50	65.30	24.4%	39.40	65.30	65.7%
1-1/2	101.10	125.80	24.4%	63.70	125.80	97.5%
2	143.90	179.10	24.5%	89.50	179.10	100.1%
3	289.00	360.00	24.6%	125.00	360.00	188.0%
4	470.00	585.00	24.5%	287.50	585.00	103.5%
6	970.00	1,207.00	24.4%	970.00	1,207.00	24.4%
8	1,697.00	2,112.00	24.5%	1,697.00	2,112.00	24.5%
10	2,508.00	3,121.00	24.4%	2,508.00	3,121.00	
12	3,037.50	3,780.00	24.4%			
<b>Consumption Charges:</b>						
1st block	1.1900	1.4814	24.5%	1.1900	1.4814	24.5%
2nd block	1.0455	1.3015	24.5%	1.0455	1.3015	24.5%
3rd block	0.8673	1.0798	24.5%	0.8673	1.0798	24.5%
4th block	0.7938	0.9883	24.5%	0.7938	0.9883	24.5%
5th block	-					
6th block	-					
CC Gardens & Sand Springs	0.9300	1.4814	59.3%			
Beech Mountain	0.3365	0.6158	83.0%			
Bristol Township	0.8700	1.4814	70.3%			
Mifflin Township	0.8000	1.3490	68.6%			
Concord Park				0.6350	1.0566	66.4%
Treasure Lake				0.5430	0.9204	69.5%
Block Size (100 gallons)						
First	100			100		
Next	233			233		
Next	3,000			3,000		
Over	3,333			3,333		
<b>INDUSTRIAL</b>						
<b>Customer Charges:</b>						
5/8	18.00	22.40	24.4%	18.00	22.40	24.4%
3/4	30.90	38.50	24.6%	23.90	38.50	61.1%
1	52.50	65.30	24.4%	39.40	65.30	65.7%
1-1/2	101.10	125.80	24.4%	63.70	125.80	97.5%
2	143.90	179.10	24.5%	89.50	179.10	100.1%
3	289.00	360.00	24.6%	125.00	360.00	188.0%
4	470.00	585.00	24.5%	287.50	585.00	103.5%
6	970.00	1,207.00	24.4%	970.00	1,207.00	24.4%
8	1,697.00	2,112.00	24.5%	1,697.00	2,112.00	24.5%
10	2,508.00	3,121.00	24.4%	2,508.00	3,121.00	24.4%
12	3,037.50	3,780.00	24.4%			
<b>Consumption Charges:</b>						
	0.9475	0.3234175				
1st block	1.1900	1.4814	24.5%	1.1900	1.4814	24.5%
2nd block	1.0455	1.3015	24.5%	1.0455	1.3015	24.5%
3rd block	0.8673	1.0798	24.5%	0.8673	1.0798	24.5%
4th block	0.7938	0.9883	24.5%	0.7938	0.9883	24.5%
5th block	0.7455	0.9866	32.3%	0.7455	0.9866	32.3%
6th block	0.5963	0.7892	32.3%	0.5963	0.7892	32.3%
First	100			100		
Next	233			233		
Next	3000			3000		
Next	30,000			30,000		
Next	66,667			66,667		
Over	100,000			100,000		

**Schedule I**  
**3 of 6**

**Aqua Pennsylvania, Inc.**  
**Current and Proposed Rates**

		Current Rates	Zone 1 Proposed Rates	Change	Current Rates	Zone 2 Proposed Rates
<b>Public Customer Charges:</b>						
5/8	18.00	22.40	24.4%	18.00	22.40	24.4%
3/4	30.90	38.50	24.6%	23.90	38.50	61.1%
1	52.50	65.30	24.4%	39.40	65.30	65.7%
1-1/2	101.10	125.80	24.4%	63.70	125.80	97.5%
2	143.90	179.10	24.5%	89.50	179.10	100.1%
3	289.00	360.00	24.6%	125.00	360.00	188.0%
4	470.00	585.00	24.5%	287.50	585.00	103.5%
6	970.00	1,207.00	24.4%	970.00	1,207.00	24.4%
8	1,697.00	2,112.00	24.5%	1,697.00	2,112.00	24.5%
10	2,508.00	3,121.00	24.4%	2,508.00	3,121.00	
5/8,1-1/2	23.89	30.40	27.2%			
<b>Consumption Charges:</b> 0.9885						
1st block	1.1900	1.4814	24.5%	1.1900	1.4814	24.5%
2nd block	1.0455	1.3015	24.5%	1.0455	1.3015	24.5%
3rd block	0.8573	1.0674	24.5%	0.8573	1.0674	24.5%
4th block	0.7847	0.9769	24.5%	0.7847	0.9769	24.5%
CC Gardens & Sand Springs	0.9300	1.1781	26.7%			
Beech Mountain	0.3650	0.4624	26.7%			
Bristol Township	0.8700	1.1021	26.7%			
Mifflin Township	0.8000	1.0134	26.7%			
Concord Park				0.6350	1.0566	66.4%
Treasure Lake						
First	100			100		
Next	233			233		
Next	3,000			3,000		
Over	3,333			3,333		
<b>Sales to Other Water Utilities</b>						
<b>Customer Charges:</b>						
5/8	18.00	22.40	24.4%	18.00	18.00	0.0%
3/4	30.90	38.50	24.6%	23.90	23.90	0.0%
1	52.50	65.30	24.4%	39.40	39.40	0.0%
1-1/2	101.10	125.80	24.4%	63.70	63.70	0.0%
2	143.90	179.10	24.5%	89.50	89.50	0.0%
3	289.00	360.00	24.6%	125.00	125.00	0.0%
4	470.00	585.00	24.5%	287.50	287.50	0.0%
6	970.00	1,207.00	24.4%	970.00	970.00	0.0%
8	1,697.00	2,112.00	24.5%	1,697.00	1,697.00	0.0%
10	2,508.00	3,121.00	24.4%	2,508.00	2,508.00	0.0%
12	3,037.50	3,780.00	24.4%			
<b>Consumption Charges:</b> 0.9885						
All Usage	1.1900	1.4814	24.5%	1.1900	1.4814	24.5%
<b>UNMETERED</b>						
Zone 1, 2 and 3	65.52	83.00	26.7%	65.52	65.52	0.0%
Sun Valley	19.50	18.00	-7.7%			
Volumetric Rate		0.5000				
Belle Aire	50.00	70.00	40.0%			

Aqua Pennsylvania, Inc.  
Current and Proposed Rates

	Current Rates	Zone 3 Proposed Rates		Current Rates	Bunker Hill Proposed Rates		Current Rates	Phoenixville Proposed Rates	
<b>RESIDENTIAL</b>									
<b>Customer Charges:</b>								*****Monthly*****	
5/8	28.00	32.40	15.7%	8.00	11.80	47.5%	3.33	4.90	47.0%
3/4	28.00	32.40	15.7%				3.33	4.90	47.0%
1	52.50	65.30	24.4%				6.67	9.90	48.5%
1-1/2	101.10	125.80	24.4%				11.67	17.30	48.3%
2	143.90	179.10	24.5%				25.00	37.00	48.0%
3	289.00	360.00	24.6%				41.67	61.70	48.1%
4	470.00	585.00	24.5%				83.33	123.30	48.0%
6	970.00	1,207.00	24.4%				133.33	197.30	48.0%
8	1,697.00	2,112.00	24.5%				283.33	419.30	48.0%
10	2,508.00	3,121.00	24.4%						
12									
5/8,3/4									
5/8,1									
5/8,1-1/2									
5/8,2									
3/4,1									
3/4,1-1/2									
3/4,2									
1,1									
1,1-1/2									
1,2									
1-1/2,1									
1-1/2,1-1/2									
1-1/2,2									
2,1-1/2									
2,2									
<b>Consumption Charges:</b>									
1st block	0.9128	1.2231	34.0%	0.4500	0.6660	48.0%	0.3000	0.4440	48.0%
2nd block	1.2608	1.5971	26.7%				0.2450	0.3626	48.0%
3rd block							0.2000	0.2960	48.0%
CC Gardens & Sand Springs									
1st block									
2nd block									
Beech Mountain									
Bristol Township									
Mifflin Township									
Mt. Jewett									
Robin Hood Lakes									
Chalfont									
Concord Park									
Treasure Lake									
<b>Block Size (100 gallons)</b>									
First	40	40		0			10000	10000	
Over	40	40		0			40000	40000	

Schedule I  
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Aqua Pennsylvania, Inc.  
Current and Proposed Rates

	Current Rates	Zone 3 Proposed Rates	Current Rates	Bunker Hill Proposed Rates	Current Rates	Phoenixville Proposed Rates
<b>COMMERCIAL</b>						
<b>Customer Charges:</b>						
5/8	28.00	32.40	15.7%		3.33	4.90 47.0%
3/4	28.00	32.40	15.7%		3.33	4.90 47.0%
1	52.50	65.30	24.4%		6.67	9.90 48.5%
1-1/2	101.10	125.80	24.4%		11.67	17.30 48.3%
2	143.90	179.10	24.5%		25.00	37.00 48.0%
3	289.00	360.00	24.6%		41.67	61.70 48.1%
4	470.00	585.00	24.5%		83.33	123.30 48.0%
6	970.00	1,207.00	24.4%		133.33	197.30 48.0%
8	1,697.00	2,112.00	24.5%		283.33	419.30 48.0%
10	2,508.00	3,121.00	24.4%			
12						
<b>Consumption Charges:</b>						
1st block	1.1900	1.4814	24.5%		0.3000	0.4440 48.0%
2nd block	1.0455	1.3015	24.5%		0.2450	0.3626 48.0%
3rd block	0.8673	1.0798	24.5%		0.2000	0.2960 48.0%
4th block	0.7938	0.9883	24.5%			
5th block						
6th block						
CC Gardens & Sand Springs						
Beech Mountain						
Bristol Township						
Mifflin Township						
Concord Park						
Treasure Lake						
Block Size (100 gallons)						
First	100				100	
Next	233				233	
Next	3,000				3,000	
Over	3,333				3,333	
<b>INDUSTRIAL</b>						
<b>Customer Charges:</b>						
5/8	28.00	32.40	15.7%		3.33	4.90 47.0%
3/4	28.00	32.40	15.7%		3.33	4.90 47.0%
1	52.50	65.30	24.4%		6.67	9.90 48.5%
1-1/2	101.10	125.80	24.4%		11.67	17.30 48.3%
2	143.90	179.10	24.5%		25.00	37.00 48.0%
3	289.00	360.00	24.6%		41.67	61.70 48.1%
4	470.00	585.00	24.5%		83.33	123.30 48.0%
6	970.00	1,207.00	24.4%		133.33	197.30 48.0%
8	1,697.00	2,112.00	24.5%		283.33	419.30 48.0%
10	2,508.00	3,121.00	24.4%			
12						
<b>Consumption Charges:</b>						
1st block	1.1900	1.4814	24.5%		0.3000	0.4440 48.0%
2nd block	1.0455	1.3015	24.5%		0.2450	0.3626 48.0%
3rd block	0.8673	1.0798	24.5%		0.2000	0.2960 48.0%
4th block	0.7938	0.9883	24.5%			
5th block	0.7455	0.9866	32.3%			
6th block	0.5963	0.7892	32.3%			
Block Size (100,000 gallons)						
First	100				100	
Next	233				233	
Next	3,000				3,000	
Next	30,000				30,000	
Next	66,667				66,667	
Over	100,000				100,000	

**Schedule I**  
**6 of 6**

**Aqua Pennsylvania, Inc.**  
**Current and Proposed Rates**

	Current Rates	Zone 3 Proposed Rates		Current Rates	Bunker Hill Proposed Rates		Current Rates	Phoenixville Proposed Rates
<b>Public Customer Charges:</b>								
5/8                    28.00            32.40            15.7%								
3/4                    28.00            32.40            15.7%								
1                      52.50            65.30            24.4%								
1-1/2                101.10          125.80          24.4%								
2                      143.90          179.10          24.5%								
3                      289.00          360.00          24.6%								
4                      470.00          585.00          24.5%								
6                      970.00          1,207.00        24.4%								
8                      1,697.00        2,112.00        24.5%								
10                    5/8,1-1/2        5/8,1-1/2        24.5%								
CC Gardens & Sand Springs								
Beech Mountain								
Bristol Township								
Mifflin Township								
Concord Park								
Treasure Lake								
First                100								
Next                233								
Next                3,000								
Over                3,333								
<b>Sales to Other Water Utilities</b>								
<b>Customer Charges:</b>								
5/8                    28.00            32.40            15.7%								
3/4                    28.00            32.40            15.7%								
1                      52.50            65.30            24.4%								
1-1/2                101.10          125.80          24.4%								
2                      143.90          179.10          24.5%								
3                      289.00          360.00          24.6%								
4                      470.00          585.00          24.5%								
6                      970.00          1,207.00        24.4%								
8                      1,697.00        2,112.00        24.5%								
10                    2,508.00        3,121.00        24.4%								
12								
<b>Consumption Charges:</b>								
All Usage            1.1900          1.4814          24.5%								
<b>UNMETERED</b>								
Zone 1, 2 and 3    65.52            65.52            0.0%								
Sun Valley            Volumetric Rate								
<b>Belle Aire</b>								

Exhibit No. 5-A, Part II  
Docket No. R-2021-3027385  
Witness: C.E. Heppenstall

# AQUA PENNSYLVANIA, INC.

BRYN MAWR, PENNSYLVANIA

OPERATING REVENUE FROM SALES OF WATER  
FOR THE TWELVE MONTHS  
ENDED MARCH 31, 2023



*Excellence Delivered **As Promised***

Exhibit No. 5-A, Part II  
Docket No. R-2021-3027385  
Witness: C.E. Heppenstall

AQUA PENNSYLVANIA, INC.  
BRYN MAWR, PENNSYLVANIA

OPERATING REVENUE FROM SALES OF WATER  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

Camp Hill, Pennsylvania

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**OPERATING REVENUE FROM SALES OF WATER**

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AQUA PENNSYLVANIA, INC.

OPERATING REVENUE FROM SALES OF WATER  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

PLAN OF EXHIBIT

Exhibit 5-A sets forth the summaries of the results of applying the proposed rates for sales of water to a detailed analysis of water customers' consumption, and the application of proposed rates to the consumption analysis.

Schedule 1 on page 3 presents a summary of the pro forma revenues for the consolidated divisions under proposed rates, for the twelve months ending March 31, 2023. The revenues under proposed rates are developed in Schedule 2 for the several divisions. Schedule 3 on page 5 presents a summary of the proforma revenues for the consolidated divisions under present rates, for the twelve months ending March 31, 2021. The revenues under present rates are developed in Schedule 4 for the several divisions. The application of proposed rates to the consumption analysis for each division are presented on Schedule 5. Schedule 6 presents adjustments to the application of present and proposed rates to account for growth and the change in usage due to the COVID-19 pandemic. The application of proposed rates to metered private fire customers, private hydrants and public fire hydrants are shown in Schedules 7A and 7B, respectively.

The results of the application of proposed rates are summarized in Schedule 2 of Exhibit No. 5-A are brought forward to column 3 of Schedule 1. Schedule 2 sets forth the application of proposed rates to the detailed analysis of bill and consumption by meter size and customer classification for each rate division. The revenues in column 5 of Schedule 1 are adjusted for changes during the twelve months ended March 31, 2023

(column 6), to develop the total revenues projected for the twelve months ended March 31, 2023, under proposed, in column 7 of Schedule 1.

A comparison of the present and proposed rates for sales of water for each division is provided in the response to Standard Data Request No. OR-3 and shown in Schedule 8. The response also provides a comparison of the billing for various levels of consumption under present (including DSIC surcharge) and proposed rates for 5/8-inch Residential customers in each division and also for the average Commercial and Industrial customers.

AQUA PENNSYLVANIA, INC

SUMMARY OF PRO FORMA REVENUES UNDER PROPOSED RATES FOR THE TWELVE MONTHS ENDED MARCH 31, 2021 AND 2023  
AND THE CALCULATION OF THE REVENUE INCREASE UNDER PROPOSED RATES

Customer Classification (1)	Pro Forma Revenues, Present Rates (Schedule 3) (2)	Bill Analysis Revenues, Proposed Rates (Schedule 2) (3)	Adjustment Factor (Sch. 3, col 6) (4)	Revenues, Proposed Rates (5)=(4)X(3) (5)	Pro Forma Adjustments Proposed Rates (Schedules 2 and 7A) (6)	Total Pro Forma Revenue Proposed Rates (7)=(5)+(6) (7)	Proposed Increase (8)=(7)-(2) (8)	Percent Increase (9)
<b>METERED SALES</b>								
Residential	\$ 333,835,012	\$ 404,036,283	0.99843774	\$ 403,809,110	\$ (11,759,430)	\$ 392,049,680	\$ 58,214,668	17.4%
Commercial	119,491,326	126,761,390	0.99844304	126,564,028	12,017,825	138,581,853	19,090,526	16.0%
Industrial	16,630,075	19,700,563	1.00026603	19,705,804	-	19,705,804	3,075,729	18.5%
Public	8,516,664	8,336,062	1.00328032	8,363,407	1,515,432	9,878,839	1,362,174	16.0%
Sales for Resale	12,812	14,662	1.01257385	14,846	-	14,846	2,035	15.9%
Total Sales of Water	478,485,890	558,848,960		558,457,195	1,773,827	560,231,022	81,745,132	
Unmetered Sales (Residential)	19,285	7,455	0.99994037	7,455	(3,901)	3,554	(15,732) (a)	-81.6%
Private Fire	16,153,537	18,974,564	1.00008174	18,976,135	18,976,135	2,822,599	17.5%	
Public Fire	6,438,582	6,881,139	1.00023998	6,882,790	6,882,790	444,198	6.9%	
Unmetered Sales (Residential)	-	-	-	-	-	-	-	-
Contract Revenues Industrial	3,128,996	2,815,805	0.99780724	2,809,631	348,330	3,157,961	28,965	0.9%
Contract Revenues Public	1,247,315	1,450,546	0.99851956	1,448,398	-	1,448,398	201,083	16.1%
Contract Revenues Sales for Resale	2,886,664	2,804,613	0.99402764	2,787,863	172,478	2,960,342	73,657	2.6%
Subtotal	508,360,298	591,783,102		591,369,467	2,290,734	593,660,201	85,299,903	
Other Revenues - Wheeling Fee	15,256	15,256		15,256	-	15,256	-	0.0%
Other Operating Revenues	1,303,137	1,303,137		1,303,137	-	1,303,137	-	0.0%
Total Water Revenue	\$ 509,678,691	\$ 593,101,495		\$ 592,687,859	\$ 2,290,734	\$ 594,978,594	\$ 85,299,903	16.7%

(a) Reduced due to customers moving from flat rate to metered.

AQUA PENNSYLVANIA, INC.

SUMMARY OF APPLICATION OF PROPOSED RATES IN EFFECT DURING THE TEST YEAR  
TO CUSTOMER CONSUMPTION ANALYSIS FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Division (1)	Div. Ref. (2)	Residential (3)	Commercial (4)	Industrial (5)	Public (6)	Other Water Utilities (7)	Total Sales (8)	Residential Unmetered (9)	Total Sales
Rate Zone 1 - Main Division	1	\$ 388,874,072	\$ 125,229,603	\$ 19,655,058	\$ 8,281,712	\$ 14,662	\$ 542,055,107	\$ 5,876	\$ 542,060,983
CC Gardens and Sand Springs		900,226	18,625	30,597	520,930	918,851	918,851		
Beech Mountain Division	1	490,333	464,459	84,188	772,507	484,544	772,507		
Bristol Township Division	1	308,048	125,756	62,152	194,946	194,946	194,946		
Mifflin Township Division	1	400,356	1,338,252	164,118	1,502,370	1,502,370	1,502,370		
Mt. Jewett Division	1	317,514	247,074	6,214	4,211,051	4,211,051	4,212,630		
Robin Hood Lakes Division	1	163,860	378,803	37,679	47,312	5,197,020	5,197,020	-	
Rate Zone 2 - Main Division	2	4,733,226	2,267,952	7,038	2,267,952	2,267,952	2,267,952		
Chalfont Division	2	125,756	164,118	6,214	36,806	36,806	36,806		
Concord Park	2	1,338,252	3,957,763	247,074	205,503	205,503	205,503		
Treasure Lake	3								
Rate Zone 3 - All Divisions	3								
Bunker Hill Division	BH	36,806							
Phoenixville Division	PH	122,120	81,771	1,612					
Total		\$ 404,036,283	\$ 126,761,390	\$ 19,700,563	\$ 8,336,062	\$ 14,662	\$ 558,848,960	\$ 7,455	\$ 558,856,415
Contract Sales			2,815,805	1,450,546	2,804,613	7,070,964			7,070,964
Total Proposed Water Revenue		\$ 404,036,283	\$ 126,761,390	\$ 22,516,368	\$ 9,786,608	\$ 2,819,275	\$ 565,919,924	\$ 7,455	\$ 565,927,379
<u>Pro Forma Adjustments</u>									
Main Sales for Resale Contract		(11,759,430)	12,017,825	1,515,432	1,773,827	(3,901)	1,769,926		
Industrial Contract					172,478	172,478	172,478		
Subtotal HTY Adj.		(11,759,430)	12,017,825	348,330	348,330	348,330	348,330		
Total Pro Forma Revenues Under Proposed Rates		\$ 392,276,853	\$ 138,779,215	\$ 22,864,698	\$ 11,302,040	\$ 2,991,754	\$ 568,214,560	\$ 3,554	\$ 568,218,114

AQUA PENNSYLVANIA INC.  
SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PRESENT RATES  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021 AND 2023

Customer Classification (1)	Revenues, Per Books 3/31/2021 (a) (2)	Adjustment to Per Books Revenue 3/31/2021 (3)	Bill Analysis Revenues, Present Rates Per Books 3/31/2021 (a) (4)	Bill Analysis Revenues, Present Rates (Schedule 4) (5)	Ref.	Adjustment Factor (6)=(4)/(5)	Revenues Under Present Rates (7)=(6)(X)(5)	Pro Forma Adjustments Present Rates (Schedule 4 and 7A) (8)		Annualized DSIC Revenue (9)	Add Back Annualized DSIC Revenue (10)=(7)+(8)+(9)
								Pro Forma Revenue Present Rates (10)=(7)+(8)+(9)			
<b>METERED SALES</b>											
Residential	\$ 319,869,648	\$ (57,474) (b)	\$ 319,812,174	\$ 319,992,993 Sch. 4		0.99843774	\$ 319,812,174	\$ (9,274,764)	\$ 23,297,602	\$ 333,835,012	
Commercial	101,494,323		101,494,323	101,652,592 Sch. 4		0.99844304	101,494,323	9,653,212	8,343,791	119,491,326	
Industrial	15,470,200		15,470,200	15,466,086 Sch. 4		1.00026603	15,470,200	-	1,159,975	16,630,075	
Public Authority	6,706,784		6,706,784	6,684,856 Sch. 4		1.00328032	6,706,784	592,656	592,656	8,516,664	
Sales for Resale	11,928		11,928	11,780 Sch. 4		1.01257385	11,928	-	884	12,812	
Total Sales of Water	\$ 443,552,864	\$ (57,474)	\$ 443,495,410	\$ 443,807,407		\$ 443,951,10	\$ 443,951,10	\$ 1,595,672	\$ 33,394,807	\$ 478,485,890	
Unmetered Sales	30,822	(9,693) (c)	21,129	21,130		0.99894037	21,129	(3,079) (d)	1,235	19,285	
Private Fire	\$ 15,005,193		\$ 15,065,193	\$ 15,063,962 Sch. 7A		1.00008174	\$ 15,065,193	\$ (38,647) (e)	1,126,991	16,153,537	
Public Fire	6,438,592		6,438,592	6,437,047 Sch. 7B		1.00023998	6,438,592			6,438,592	
Contract Revenues Commercial											
Contract Revenues Industrial	2,785,983		2,785,983	2,792,105		0.99780724	2,785,983	343,013 (f)		3,128,996	
Contract Revenues Public	1,247,315		1,247,315	1,249,164		0.99851956	1,247,315	139,364 (g)		1,247,315	
Contract Revenues Sales for Resale	2,747,320		2,747,320	2,763,827		0.99402764	2,747,320	2,036,323	34,523,034	2,886,684	
Subtotal	471,868,109	(67,167)	471,800,941	472,134,842			471,800,942			508,360,298	
Other Revenues - Wheeling Fees	15,256		15,256	15,256			15,256			15,256	
Other Operating Revenues	1,303,137		1,303,137	1,303,137			1,303,137			1,303,137	
Total Water Revenue	\$ 473,186,501	\$ (67,167)	\$ 473,119,334	\$ 473,453,034		0.99829518	\$ 473,119,334	\$ 2,036,323	\$ 34,523,034	\$ 509,678,691	

(a) Excludes Unbilled and DSIC Revenue.

(b) Adjustment to Twin Lakes.

(c) Adjustment for Belle Aire.

(d) Adjustment for Rate Zone 1 - Main Division Unmetered.

(e) See Schedule 7A.

(f) Adjustment for Industrial Contract.

(g) Adjustment for Sales For Resale Contract.

AQUA PENNSYLVANIA, INC.

TO CUSTOMER CONSUMPTION ANALYSIS FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Division (1)	Div. Ref. (2)	Residential (3)	Commercial (4)	Industrial (5)	Public (6)	Sales for Resale (7)	Total Metered Sales (8)	Residential Unmetered (9)	Total Sales (9)
Rate Zone 1 - Main Division	1	\$ 308,525,490	\$ 100,594,517	\$ 15,432,484	\$ 6,652,499	\$ 11,780	\$ 431,216,770	\$ 19,551	\$ 431,236,321
CC Gardens and Sand Springs	1	579,280	12,295	20,279	591,575				591,575
Beech Mountain Division	1	333,049		307,769	353,328				353,328
Bristol Township Division	1	205,415		57,245				513,184	513,184
Mifflin Township Division	1	252,220						309,465	309,465
Mt. Jewett Division	1	239,658						239,658	239,658
Robin Hood Lakes Division	1	107,483						107,483	107,483
Rate Zone 2 - Main Division	2	3,751,206	275,690	27,498	28,896			4,083,290	4,083,290
Chalfont Division	2	1,673,463						1,673,463	1,673,463
Concord Park	2	84,491	36,584	3,461				124,536	124,536
Treasure Lake	2	912,006	93,134					1,005,140	1,005,140
Rate Zone 3 - All Divisions	3	3,220,804	199,825	5,015				3,425,644	3,427,223
Bunker Hill Division	BH	24,891						24,891	24,891
Phoenixville Division	PH	82,637	55,254	1,089				138,980	138,980
<b>Subtotal</b>		<b>\$ 319,992,093</b>	<b>\$ 101,652,592</b>	<b>\$ 15,466,086</b>	<b>\$ 6,684,856</b>	<b>\$ 11,780</b>	<b>\$ 443,807,407</b>	<b>\$ 21,130</b>	<b>\$ 443,828,537</b>
<b>6</b>	<b>Contract Sales</b>								<b>6,805,096</b>
	Total Sales with Contract	319,992,093	101,652,592	18,258,191	7,934,020	2,775,607	450,612,503	21,130	450,633,633
	Plus 7.5% DSIC excluding contracts	23,297,602	8,343,791	1,159,875	592,656	884	33,394,807	1,235	33,396,043
	Total Present Water Revenue	343,289,695	109,996,383	19,418,066	8,526,676	2,776,491	484,007,310	22,365	484,029,676
	<b>Pro Forma Adjustments</b>								
	Main Sales for Resale Contract	(9,274,764)	9,653,212		1,217,224	139,364	1,595,672	(3,079)	1,592,593
	Industrial Contract						139,364		139,364
	Subtotal HTY Adj.						343,013		343,013
	Total Pro Forma Revenues Under Present Rates	<b>\$ 334,014,931</b>	<b>\$ 119,649,595</b>	<b>\$ 19,761,079</b>	<b>\$ 9,743,900</b>	<b>\$ 2,915,855</b>	<b>\$ 486,085,359</b>	<b>\$ 19,286</b>	<b>\$ 486,104,646</b>

Schedule 5  
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AQUA PENNSYLVANIA, INC.  
RATE ZONE 1  
MAIN DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Consumption, 100 Gallons (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Residential - Monthly</u>							
Customer Charge							
5/8	4,117,562	-	\$ 18.00	\$ 74,116,118		\$ 22.40	\$ 92,233,391
3/4	119,919	-	30.90	3,705,494		38.50	4,616,878
1	60,541	-	52.50	3,178,392		65.30	3,953,314
1-1/2	1,627	-	101.10	164,530		125.80	204,727
2	609	-	143.90	87,664		179.10	109,108
3	-	289.00		-	360.00		-
4	-	470.00		-	585.00		-
6	-	970.00		-	1,207.00		-
5/8,3/4	567	-	20.21	11,449		24.61	13,942
5/8,1	105,637	-	20.56	2,171,903		24.96	2,636,707
5/8,1-1/2	21,208	-	23.89	506,652		28.29	599,966
5/8,2	408	-	26.00	10,611		30.40	12,406
3/4,1	1,147	-	33.46	38,372		41.06	47,088
3/4,1-1/2	1,893	-	36.79	69,658		44.39	84,048
3/4,2	84	-	38.90	3,271		46.50	3,911
1,1	624	-	55.06	34,374		67.86	42,365
1,1-1/2	1,599	-	58.39	93,360		71.19	113,826
1,2	355	-	60.50	21,484		73.30	26,029
1-1/2,1-1/2	12	-	101.09	1,213		113.89	1,367
1-1/2,2	24	-	103.20	2,477		116.00	2,784
2,1-1/2	12	-	136.59	1,639		149.39	1,793
2,2	12	-	138.70	1,678		151.50	1,833
Subtotal	4,433,841	-		\$ 84,220,339			\$ 104,705,483
1st block	20	79,554,995	1.0649	\$ 84,718,115	79,554,995	1.3490	\$ 107,319,689
2nd block	Over 20	110,713,068	1.2608	\$ 139,587,036	110,713,068	1.5971	\$ 176,819,841
Subtotal Consumption		190,268,063		\$ 224,305,151	190,268,063		\$ 284,139,530
Total Metered Residential	4,433,841	190,268,063		\$ 308,525,490	190,268,063		\$ 388,845,013
<u>Unmetered - Monthly</u>							
Customer Charge							
Flat Rate	71	-	\$ 65.52	\$ 4,639		\$ 83.00	\$ 5,876
Total Unmetered	71	-		\$ 4,639			\$ 5,876
<u>Sun Valley - Monthly*</u>							
Customer Charge							
Flat Rate/Meter Charge	765	-	\$ 19.50	\$ 14,912		\$ 18.00	\$ 13,765
All Usage	-	-	-	-	30,588	0.5000	15,294
Subtotal Consumption	-	-	-	-	30,588		15,294
Total	765	-		\$ 14,912	30,588		\$ 29,059
Total Unmetered Residential	836	-		\$ 19,551	30,588		\$ 34,935
Total Residential	4,434,676	190,268,063		\$ 308,545,041	190,298,651		\$ 388,879,948

AQUA PENNSYLVANIA, INC.  
RATE ZONE 1  
MAIN DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Consumption, 100 Gallons (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Commercial - Monthly</u>							
Customer Charge							
5/8	125,100	-	\$ 18.00	\$ 2,251,804		\$ 22.40	\$ 2,802,244
3/4	21,982	-	30.90	679,235		38.50	846,295
1	37,389	-	52.50	1,962,923		65.30	2,441,502
1-1/2	26,650	-	101.10	2,694,335		125.80	3,352,595
2	32,487	-	143.90	4,674,822		179.10	5,818,350
3	7,304	-	289.00	2,110,712		360.00	2,629,260
4	5,201	-	470.00	2,444,658		585.00	3,042,819
6	1,867	-	970.00	1,811,378		1,207.00	2,253,952
8	451	-	1,697.00	765,856		2,112.00	953,146
10	72	-	2,508.00	181,328		3,121.00	225,648
Subtotal	258,504	-		\$ 19,577,051			\$ 24,365,811
1st block		12,429,871	1.1900	\$ 14,791,546	12,429,871	1.4814	\$ 18,413,611
2nd block		13,197,304	1.0455	13,797,781	13,197,304	1.3015	17,176,291
3rd block		40,484,982	0.8673	35,112,625	40,484,982	1.0798	43,715,683
4th block		21,630,270	0.7938	17,170,108	21,630,270	0.9883	21,377,195
Subtotal Consumption		87,742,426		\$ 80,872,060	87,742,426		\$ 100,682,780
Commercial Bulk Usage	519	122,190	1.1900	\$ 145,406	122,190	1.4814	\$ 181,012
Total Commercial	259,022	87,864,616		\$ 100,594,517	87,864,616		\$ 125,229,603
<u>Industrial - Monthly</u>							
Customer Charge							
5/8	2,500	-	\$ 18.00	\$ 45,007		\$ 22.40	\$ 56,009
3/4	632	-	30.90	19,520		38.50	24,320
1	2,081	-	52.50	109,274		65.30	135,915
1-1/2	691	-	101.10	69,820		125.80	86,877
2	1,668	-	143.90	239,968		179.10	298,667
3	423	-	289.00	122,334		360.00	152,388
4	570	-	470.00	267,947		585.00	333,509
6	349	-	970.00	338,142		1,207.00	420,760
8	83	-	1,697.00	140,851		2,112.00	175,296
10	60	-	2,508.00	150,982		3,121.00	187,884
Subtotal	9,057	-		\$ 1,503,845			\$ 1,871,625
1st block		501,456	1.1900	\$ 596,733	501,456	1.4814	\$ 742,857
2nd block		571,296	1.0455	597,290	571,296	1.3015	743,542
3rd block		2,617,526	0.8673	2,270,180	2,617,526	1.0798	2,826,404
4th block		6,080,238	0.7938	4,826,493	6,080,238	0.9883	6,009,099
5th block		3,942,815	0.7455	2,939,368	3,942,815	0.9866	3,889,981
6th block		4,525,532	0.5963	2,698,575	4,525,532	0.7892	3,571,550
Subtotal Consumption		18,238,862		\$ 13,928,639	18,238,862		\$ 17,783,433
Total Industrial	9,057	18,238,862		\$ 15,432,484	18,238,862		\$ 19,655,058

AQUA PENNSYLVANIA, INC.  
RATE ZONE 1  
MAIN DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Consumption, 100 Gallons (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Public - Monthly</u>							
Customer Charge							
5/8	4,135	-	\$ 18.00	\$ 74,435		\$ 22.40	\$ 92,631
3/4	1,139	-	30.90	35,201		38.50	43,859
1	2,567	-	52.50	134,768		65.30	167,625
1-1/2	1,165	-	101.10	117,741		125.80	146,507
2	2,545	-	143.90	366,226		179.10	455,810
3	1,528	-	289.00	441,592		360.00	550,080
4	1,092	-	470.00	513,428		585.00	639,054
6	169	-	970.00	163,542		1,207.00	203,500
8	84	-	1,697.00	143,057		2,112.00	178,042
10	12	-	2,508.00	30,096		3,121.00	37,452
Subtotal	14,436	-		\$ 2,020,086			\$ 2,514,560
1st block		574,091	1.1900	\$ 683,168	574,091	1.4814	\$ 850,458
2nd block		574,687	1.0455	600,835	574,687	1.3015	747,955
3rd block		1,596,669	0.8573	1,368,824	1,596,669	1.0674	1,704,284
4th block		2,522,730	0.7847	1,979,586	2,522,730	0.9769	2,464,455
Subtotal Consumption		5,268,177		\$ 4,632,413	5,268,177		\$ 5,767,152
Total Public	14,436	5,268,177		\$ 6,652,499	5,268,177		\$ 8,281,712
<u>Sales For Resale - Monthly</u>							
Customer Charge							
5/8		-	\$ 18.00	\$ -		\$ 22.40	\$ -
4	24	-	470.00	11,280		585.00	14,040
Subtotal	24	-		\$ 11,280			\$ 14,040
1st block		420	1.1900	500	420	1.4814	\$ 622
Subtotal Consumption		420		500	420		\$ 622
Total Sales For Resale	24	420		\$ 11,780	420		\$ 14,662
ZONE 1 SUBTOTAL	4,717,216	301,640,138		\$ 431,236,321	301,670,726		\$ 542,060,983

\*Sun Valley is moving from flat Rate to being metered under proposed rates.

AQUA PENNSYLVANIA, INC.  
RATE ZONE 1  
CC GARDENS AND SAND SPRINGS DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (7)	Proposed Revenue (8)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	10,709	-	\$ 18.00	\$ 192,769	\$ 22.40	\$ 239,891
1	24	-	52.50	1,260	65.30	1,567
5/8,1	392	-	20.56	8,049	24.96	9,772
Subtotal	11,125	-		\$ 202,078		\$ 251,230
CC Gardens & Sand Springs						
1st block		201,467	0.7820	157,547	1.3490	271,779
2nd block		236,189	0.9300	219,655	1.5971	377,217
Subtotal Consumption		437,656		\$ 377,202		\$ 648,996
Total Residential	11,125	437,656		\$ 579,280		\$ 900,226
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	12	-	\$ 18.00	\$ 216	\$ 22.40	\$ 269
1 1/2	8	-	101.10	809	125.80	1,006
2	12	-	143.90	1,727	179.10	2,149
Subtotal	32	-		\$ 2,752		\$ 3,424
CC Gardens & Sand Springs						
All Usage		10,261	0.9300	9,543	1.4814	15,201
Subtotal Consumption		10,261		\$ 9,543		\$ 15,201
Total Commercial	32	10,261		\$ 12,295		\$ 18,625
TOTAL DIVISION	11,157	447,917		\$ 591,575		\$ 918,851

AQUA PENNSYLVANIA, INC.  
RATE ZONE 1  
BEECH MOUTAIN DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge 5/8	11,304	-	\$ 18.00	\$ 203,479	\$ 22.40	\$ 253,219
Subtotal	11,304	-		\$ 203,479		\$ 253,219
All Usage Subtotal Consumption		385,051	0.3365	129,570	0.6158	237,114
Total Residential	11,304	385,051		\$ 333,049		\$ 490,333
<u>Commercial - Monthly</u>						
Customer Charge 5/8	24	-	\$ 30.90	\$ 742	\$ 38.50	\$ 924
2	36	-	289.00	10,404	360.00	12,960
Subtotal	60	-		\$ 11,146		\$ 13,884
All Usage Subtotal Consumption		27,140	0.3365	9,133	0.6158	16,713
Total Commercial	60	27,140		\$ 20,279		\$ 30,597
TOTAL DIVISION	11,364	412,191		\$ 353,328		\$ 520,930

AQUA PENNSYLVANIA, INC.  
RATE ZONE 1  
BRISTOL TOWNSHIP DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	5,132	-	\$ 18.00	\$ 92,378	\$ 22.40	\$ 114,959
3/4	12	-	30.90	371	38.50	462
1	24	-	52.50	1,265	65.30	1,574
Subtotal	5,168	-		\$ 94,014		\$ 116,995
All Usage Subtotal Consumption		222,802	0.5000	111,401	0.8575	191,053
222,802				111,401		191,053
Total Residential	5,168	222,802		\$ 205,415		\$ 308,048
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	636	-	\$ 18.00	\$ 11,446	\$ 22.40	\$ 14,244
3/4	168	-	30.90	5,191	38.50	6,468
1	420	-	52.50	22,055	65.30	27,433
1-1/2	177	-	101.10	17,895	125.80	22,267
2	312	-	143.90	44,882	179.10	55,861
3	60	-	289.00	17,340	360.00	21,600
4	24	-	470.00	11,280	585.00	14,040
Subtotal	1,797	-		\$ 130,089		\$ 161,913
All Usage Subtotal Consumption		204,230	0.8700	177,680	1.4814	302,546
204,230				177,680		302,546
Total Commercial	1,797	204,230		\$ 307,769		\$ 464,459
TOTAL DIVISION	6,965	427,032		\$ 513,184		\$ 772,507

AQUA PENNSYLVANIA, INC.  
RATE ZONE 1  
MIFFLIN TOWNSHIP DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Consumption, 100 Gallons (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Residential - Monthly</u>							
Customer Charge							
5/8	5,803	-	\$ 18.00	\$ 104,449		\$ 22.40	\$ 129,980
3/4	12	-	30.90	371		38.50	462
Subtotal	5,815	-		\$ 104,820			\$ 130,442
All Usage		184,250	0.8000	147,400			-
Subtotal Consumption		184,250		\$ 147,400			\$ -
Proposed Blocks							
1st block					98,153	1.3490	132,408
2nd block					86,097	1.5971	137,506
Subtotal Proposed Consumption					184,250		\$ 269,914
Total Residential	5,815	184,250		\$ 252,220	184,250		\$ 400,356
<u>Commercial - Monthly</u>							
Customer Charge							
5/8	279	-	\$ 18.00	\$ 5,024		\$ 22.40	\$ 6,252
1	24		52.50	1,260		65.30	1,567
1-1/2	24		101.10	2,426		125.80	3,019
2	24	-	143.90	3,454		179.10	4,298
Subtotal	351	-		\$ 12,164			\$ 15,136
2nd block		56,351	0.8000	45,081			-
Subtotal Consumption		56,351		\$ 45,081			\$ -
Proposed Blocks							
1st block					13,984	1.4814	20,715
2nd block					11,676	1.3015	15,196
3rd block					30,692	1.0798	33,141
4th block					0.9883		-
Subtotal Proposed Consumption					56,351		\$ 69,052
Total Commercial	351	56,351		\$ 57,245	56,351		\$ 84,188
TOTAL DIVISION	6,166	240,601		\$ 309,465	240,601		\$ 484,544

AQUA PENNSYLVANIA, INC.  
RATE ZONE 1  
MOUNT JEWETT DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Consumption, 100 Gallons (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Residential - Monthly</u>							
Customer Charge 5/8	4,796	-	\$ 18.00	\$ 86,326		\$ 22.40	\$ 107,428
Subtotal	4,796	-		\$ 86,326			\$ 107,428
All Usage		143,987	1.0649	153,332			
Subtotal Consumption		143,987		\$ 153,332			\$ -
Proposed Blocks							
1st block				80,113	1.3490	108,072	
2nd block				63,874	1.5971	102,013	
Subtotal Proposed Consumption				143,987			\$ 210,086
Total Residential	4,796	143,987		\$ 239,658	143,987		\$ 317,514

AQUA PENNSYLVANIA, INC.  
RATE ZONE 1  
ROBIN HOOD LAKES DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Consumption, 100 Gallons (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Residential - Monthly</u>							
Customer Charge 5/8	2,413	-	\$ 18.00	\$ 43,427		\$ 22.40	\$ 54,042
Subtotal	2,413	-		\$ 43,427			\$ 54,042
All Usage		74,484	0.8600	64,056			
Subtotal Consumption		74,484		\$ 64,056			\$ -
Proposed Blocks							
1st block				36,842	1.3490	49,700	
2nd block				37,642	1.5971	60,118	
Subtotal Proposed Consumption				74,484			\$ 109,818
Total Residential	2,413	74,484		\$ 107,483	74,484		\$ 163,860

AQUA PENNSYLVANIA, INC.  
RATE ZONE 2  
MAIN DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	50,603	-	\$ 18.00	\$ 910,849	\$ 22.40	\$ 1,133,500
3/4	-	-	23.90	-	38.50	-
1	133	-	39.40	5,232	65.30	8,672
1-1/2	-	-	63.70	-	125.80	-
2	-	-	89.50	-	179.10	-
4	-	-	287.50	-	585.00	-
5/8,3/4	349	-	20.21	7,045	24.61	8,579
5/8,1-1/2	4	-	23.89	86	28.29	102
5/8,2	-	-	26.00	-	30.40	-
3/4,1			33.46	-	33.46	-
Subtotal	51,088	-		\$ 923,212		\$ 1,150,853
1st block	20	969,133	1.0649	\$ 1,032,029	1.3490	\$ 1,307,360
2nd block	Over 20	1,424,465	1.2608	1,795,965	1.5971	2,275,013
Subtotal Consumption		2,393,598		\$ 2,827,994		\$ 3,582,373
Total Residential	51,088	2,393,598		\$ 3,751,206		\$ 4,733,226

AQUA PENNSYLVANIA, INC.  
RATE ZONE 2  
MAIN DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	1,728	-	\$ 18.00	\$ 31,099	\$ 22.40	\$ 38,700
3/4	36	-	23.90	860	38.50	1,386
1	757	-	39.40	29,822	65.30	49,426
1-1/2	85	-	63.70	5,415	125.80	10,693
2	169	-	89.50	15,099	179.10	30,214
3	24	-	125.00	3,000	360.00	8,640
4	12	-	287.50	3,450	585.00	7,020
6	-	-	970.00	-	1,207.00	-
8	-	-	1,697.00	-	2,112.00	-
10	-	-	2,508.00	-	3,121.00	-
Subtotal	2,810	-		\$ 88,745		\$ 146,079
1st block		106,068	1.1900	\$ 126,221	1.4814	\$ 157,129
2nd block		42,819	1.0455	44,767	1.3015	55,729
3rd block		18,398	0.8673	15,957	1.0798	19,866
4th block		-	0.7938	-	0.9883	-
Subtotal Consumption		167,285		\$ 186,945		\$ 232,724
Total Commercial	2,810	167,285		\$ 275,690		\$ 378,803
<u>Industrial - Monthly</u>						
Customer Charge						
5/8	-	-	\$ 18.00	\$ -	\$ 22.40	\$ -
3/4	-	-	23.90	-	38.50	-
1	12	-	39.40	473	65.30	784
1-1/2	-	-	63.70	-	125.80	-
2	48	-	89.50	4,296	179.10	8,597
3	-	-	125.00	-	360.00	-
4	-	-	287.50	-	585.00	-
6	-	-	970.00	-	1,207.00	-
8	-	-	1,697.00	-	2,112.00	-
10	-	-	2,508.00	-	3,121.00	-
Subtotal	60	-		\$ 4,769		\$ 9,381
1st block		3,123	1.1900	\$ 3,716	1.4814	\$ 4,626
2nd block		3,284	1.0455	3,433	1.3015	4,274
3rd block		17,964	0.8673	15,580	1.0798	19,398
4th block		-	0.7938	-	0.9883	-
5th block		-	0.7455	-	0.9866	-
6th block		-	0.5963	-	0.7892	-
Subtotal Consumption		24,371		\$ 22,729		\$ 28,298
Total Industrial	60	24,371		\$ 27,498		\$ 37,679

AQUA PENNSYLVANIA, INC.  
RATE ZONE 2  
MAIN DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Public - Monthly</u>						
Customer Charge						
5/8	24	-	\$ 18.00	\$ 432	\$ 22.40	\$ 538
3/4	-	-	23.90	-	38.50	-
1	60	-	39.40	2,368	65.30	3,925
1-1/2	12	-	63.70	771	125.80	1,522
2	24	-	89.50	2,148	179.10	4,298
3	-	-	125.00	-	360.00	-
4	36	-	287.50	10,350	585.00	21,060
6	-	-	970.00	-	1,207.00	-
8	-	-	1,697.00	-	2,112.00	-
10	-	-	2,508.00	-	3,121.00	-
Subtotal	156	-		\$ 16,069		\$ 31,343
1st block		5,579	1.1900	\$ 6,639	1.4814	\$ 8,265
2nd block		4,068	1.0455	4,253	1.3015	5,295
3rd block		2,257	0.8573	1,935	1.0674	2,409
4th block		-	0.7847	-	0.9769	-
Subtotal Consumption		11,904		\$ 12,827		\$ 15,969
Total Public	156	11,904		\$ 28,896		\$ 47,312
<u>Unmetered - Monthly</u>						
Customer Charge	Bills					
Flat Rate	-	-	\$ 65.52	\$ -	\$ 65.52	\$ -
Total Unmetered	-	-		\$ -	\$ -	\$ -
ZONE 2 SUBTOTAL	54,114	2,597,158		\$ 4,083,290		\$ 5,197,020

AQUA PENNSYLVANIA, INC.  
RATE ZONE 2  
CHALFONT DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Consumption, 100 Gallons (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Residential - Monthly</u>							
Customer Charge							
5/8	26,406	-	\$ 18.00	\$ 475,299		\$ 22.40	\$ 591,483
3/4	43	-	23.90	1,018		38.50	1,640
1	48	-	39.40	1,891		65.30	3,134
2	12	-	89.50	1,074		179.10	2,149
5/8,3/4	6		20.21	113		24.61	138
5/8,1-1/2	12	-	23.89	287		28.29	339
5/8,2	12	-	26.00	312		30.40	365
Subtotal	26,538	-		\$ 479,994			\$ 599,248
All Usage		1,120,733	1.0649	1,193,469			
Subtotal		1,120,733		\$ 1,193,469			\$ -
Proposed Blocks							
1st block				488,588	1.3490	\$ 659,105	
2nd block				632,145	1.5971	1,009,599	
Subtotal				1,120,733			\$ 1,668,704
Total Chalfont Division	26,538	1,120,733		\$ 1,673,463	1,120,733		\$ 2,267,952

AQUA PENNSYLVANIA, INC.  
RATE ZONE 2  
CONCORD PARK DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge 5/8	1,964	-	\$ 18.00	\$ 35,359	\$ 22.40	\$ 44,003
Subtotal	1,964	-		\$ 35,359		\$ 44,003
All Usage Subtotal Consumption		77,374	0.6350	49,132	1.0566	81,753
Total Residential	1,964	77,374		\$ 84,491		\$ 125,756
<u>Commercial - Monthly</u>						
Customer Charge 4	12	-	\$ 287.50	\$ 3,450	\$ 585.00	\$ 7,020
Subtotal	12	-		\$ 3,450		\$ 7,020
All Usage Subtotal Consumption		52,179	0.6350	33,134	1.0566	55,132
Total Commercial	12	52,179		\$ 36,584		\$ 62,152
<u>Public - Monthly</u>						
Customer Charge 4	12	-	\$ 287.50	\$ 3,450	\$ 585.00	\$ 7,020
Subtotal	12	-		\$ 3,450		\$ 7,020
All Usage Subtotal Consumption		17	0.6350	11	1.0566	18
Total Public	12	17		\$ 3,461		\$ 7,038
Total Concord Park Division	1,988	129,570		\$ 124,536		\$ 194,946

AQUA PENNSYLVANIA, INC.  
RATE ZONE 2  
TREASURE LAKE DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	25,592	-	\$ 18.00	\$ 460,654	\$ 22.40	\$ 573,259
3/4	12	-	23.90	287	38.50	462
1	24	-	39.40	946	65.30	1,567
Subtotal	25,628	-		\$ 461,887		\$ 575,288
All Usage		828,948	0.5430	450,119	0.9204	762,964
Subtotal Consumption		828,948		\$ 450,119		\$ 762,964
Total Residential	25,628	828,948		\$ 912,006		\$ 1,338,252
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	260	-	\$ 18.00	\$ 4,678	\$ 22.40	\$ 5,822
1	18	-	39.40	697	65.30	1,156
2	48	-	89.50	4,296	179.10	8,597
3	24	-	125.00	3,000	360.00	8,640
4	36	-	287.50	10,350	585.00	21,060
Subtotal	386	-		\$ 23,021		\$ 45,275
All Usage		129,121	0.5430	70,113	0.9204	118,843
Subtotal Consumption		129,121		\$ 70,113		\$ 118,843
Proposed Blocks						
1st block						
2nd block						
3rd block						
4th block						
Subtotal Proposed Consumption						
Total Commercial	386	129,121		\$ 93,134		\$ 164,118
Total Division	26,014	958,069		\$ 1,005,140		\$ 1,502,370

AQUA PENNSYLVANIA, INC.  
RATE ZONE 3  
MAIN DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	64,706	-	\$ 28.00	\$ 1,811,765	\$ 32.40	\$ 2,096,471
3/4	165	-	28.00	4,620	32.40	5,346
1	169	-	52.50	8,873	65.30	11,036
1-1/2	-	-	101.10	-	125.80	-
2	12	-	143.90	1,727	179.10	2,149
4	-	-	470.00	-	585.00	-
Subtotal	65,052	-		\$ 1,826,985		\$ 2,115,002
1st block	20	1,154,679	0.9128	\$ 1,053,991	1.2231	\$ 1,412,288
2nd block	Over 20	269,534	1.2608	339,828	1.5971	430,473
Subtotal Consumption		1,424,213		\$ 1,393,819		\$ 1,842,761
Total Residential	65,052	1,424,213		\$ 3,220,804		\$ 3,957,763

AQUA PENNSYLVANIA, INC.  
RATE ZONE 3  
MAIN DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	660	-	\$ 28.00	\$ 18,477	\$ 32.40	\$ 21,381
3/4	24	-	28.00	672	32.40	778
1	138	-	52.50	7,245	65.30	9,011
1-1/2	36	-	101.10	3,640	125.80	4,529
2	174	-	143.90	25,053	179.10	31,181
3	12	-	289.00	3,468	360.00	4,320
4	-	-	470.00	-	585.00	-
6	-	-	970.00	-	1,207.00	-
8	-	-	1,697.00	-	2,112.00	-
10	-	-	2,508.00	-	3,121.00	-
Subtotal	1,044	-		\$ 58,555		\$ 71,200
1st block		33,140	1.1900	\$ 39,436	1.4814	\$ 49,093
2nd block		25,400	1.0455	26,556	1.3015	33,059
3rd block		67,117	0.8673	58,211	1.0798	72,473
4th block		21,501	0.7938	17,067	0.9883	21,249
Subtotal Consumption		147,158		\$ 141,270		\$ 175,874
Total Commercial	1,044	147,158		\$ 199,825		\$ 247,074
<u>Industrial - Monthly</u>						
Customer Charge						
5/8	12	-	\$ 28.00	\$ 336	\$ 32.40	\$ 389
3/4	-	-	28.00	-	32.40	-
1	-	-	52.50	-	65.30	-
1-1/2	-	-	101.10	-	125.80	-
2	-	-	143.90	-	179.10	-
3	-	-	289.00	-	360.00	-
4	-	-	470.00	-	585.00	-
6	-	-	970.00	-	1,207.00	-
8	-	-	1,697.00	-	2,112.00	-
10	-	-	2,508.00	-	3,121.00	-
Subtotal	12	-		\$ 336		\$ 389
1st block		1,200	1.1900	\$ 1,428	1.4814	\$ 1,778
2nd block		2,606	1.0455	2,725	1.3015	3,392
3rd block		607	0.8673	526	1.0798	655
4th block		-	0.7938	-	0.9883	-
5th block		-	0.7455	-	0.9866	-
6th block		-	0.5963	-	0.7892	-
Subtotal Consumption		4,413		\$ 4,679		\$ 5,825
Total Industrial	12	4,413		\$ 5,015		\$ 6,214
<u>Unmetered - Monthly</u>						
Customer Charge						
Flat Rate	24	-	\$ 65.52	\$ 1,579	\$ 65.52	\$ 1,579
Total Unmetered	24	-		\$ 1,579		\$ 1,579
ZONE 3 SUBTOTAL	66,132	1,575,784		\$ 3,427,223		\$ 4,212,630

AQUA PENNSYLVANIA, INC.

BUNKER HILL DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Consumption, 100 Gallons (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Bunker Hill - Residential - Monthly</u>							
Customer Charge 5/8	829	-	\$ 8.00	\$ 6,630	-	\$ 11.80	\$ 9,779
Subtotal	829	-		\$ 6,630	-		\$ 9,779
1st block Subtotal Consumption		40,581	0.4500	18,261	-	0.6660	\$ 27,027
Total Bunker Hill	829	40,581		\$ 24,891	-		\$ 36,806

AQUA PENNSYLVANIA, INC.

PHOENIXVILLE DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	5,445		\$ 3.33	18,151	\$ 4.90	26,681
1	45		6.67	301	9.90	446
2	12		25.00	303	37.00	448
Subtotal	5,502	-		\$ 18,755		\$ 27,575
1st block		212,940	0.3000	\$ 63,882	0.4440	\$ 94,545
2nd block		-	0.2450	-	0.3626	-
3rd block		-	0.2000	-	0.2960	-
Subtotal Consumption		212,940		\$ 63,882		\$ 94,545
Total Residential	5,502	212,940		\$ 82,637		\$ 122,120
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	428		\$ 3.33	1,427	\$ 4.90	2,097
1	200		6.67	1,334	9.90	1,981
1 1/2	133		11.67	1,556	17.30	2,308
2	43		25.00	1,078	37.00	1,595
4	22		83.33	1,817	123.30	2,688
6	3		133.33	400	197.30	592
Subtotal	829	-		\$ 7,612		\$ 11,261
1st block		158,806	0.3000	\$ 47,642	0.4440	\$ 70,510
2nd block		-	0.2450	-	0.3626	-
3rd block		-	0.2000	-	0.2960	-
Subtotal Consumption		158,806		\$ 47,642		\$ 70,510
Total Commercial	829	158,806		\$ 55,254		\$ 81,771
<u>Industrial - Monthly</u>						
Customer Charge						
5/8	12		\$ 3.33	41	\$ 4.90	60
1	12		6.67	81	9.90	120
1 1/2	12		11.67	140	17.30	208
2	12		25.00	300	37.00	444
Subtotal	48	-		\$ 562		\$ 832
1st block		1,756	0.3000	\$ 527	0.4440	\$ 780
2nd block		-	0.2450	-	0.3626	-
3rd block		-	0.2000	-	0.2960	-
Subtotal Consumption		1,756		\$ 527		\$ 780
Total Industrial	48	1,756		\$ 1,089		\$ 1,612
Total Phoenixville	6,380	373,502		\$ 138,980		\$ 205,503

AQUA PENNSYLVANIA, INC.

**CONTRACTS**  
APPLICATION OF PRESENT AND SETTLEMENT RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Industrial Contract - Mt. Carmel</u>						
Customer Charge						
1-inch (Apr. '20 - Dec. '20)	2		\$ 52.50	\$ 105	\$ 65.30	\$ 131
1 1/2-inch (Apr. '20 - Dec. '20)	2		101.10	202	125.80	252
6-inch (Apr. '20 - Dec. '20)	4		970.00	3,880	1,207.00	4,828
1-inch (Jan '21 - Mar. '21)	10		52.50	525	65.30	653
1 1/2-inch (Jan '21 - Mar. '21)	10		101.10	1,011	125.80	1,258
6-inch (Jan '21 - Mar. '21)	20		970.00	19,497	1,207.00	24,261
Subtotal	48	-		25,220		31,383
Minimum 100,000 100 gallons						
All Usage (Apr. '20 - Dec. '20)		13,840	0.3020	\$ 4,180	0.3080	\$ 4,263
All Usage (Jan. '21 - Mar '21)		55,216	0.3080	17,007	0.3080	17,007
Subtotal		69,056		21,187		21,270
Total Contract	48	69,056		\$ 46,407		\$ 52,653
<u>Industrial Contract - Covanta</u>						
Customer Charge						
6-inch (Apr. '20 - Dec. '20)	9	1,080,000	\$ 39,480.00	\$ 355,320	\$ 40,680.00	\$ 366,120
6-inch (Jan. '21 - Mar. '21)	3	360,000	40,680.00	122,040	40,680.00	122,040
Subtotal	12	1,440,000		477,360		488,160
Allowance 120,000 100 gallons						
All Usage (Apr. '20 - Dec. '20)		74,400	0.3390	\$ 25,222	0.3390	\$ 25,222
All Usage (Jan. '21 - Mar. '21)		518,200	0.3390	175,670	0.3390	175,670
		592,600		200,892		200,892
Total Contract	12	2,032,600		\$ 678,252		\$ 689,052
<u>Industrial Contract - Liberty Power</u>						
Customer Charge						
10-inch (Apr. '20 - Dec. '20)	9		\$ 94,747.44	\$ 852,727	\$ 95,486.79	\$ 859,381
10-inch (Jan. '21 - Mar. '21)	3	-	95,486.79	286,460	95,486.79	286,460
Subtotal	12	-		1,139,187		1,145,841
All Usage		9,376,350	0.0990	\$ 928,259	0.0990	\$ 928,259
Total Contract	12	9,376,350		2,067,446		2,074,100
<b>Total Industrial Contract</b>	<b>72</b>	<b>11,464,166</b>		<b>\$ 2,792,105</b>		<b>\$ 2,815,805</b>
<u>Public Contract - Canaan Federal Prison</u>						
Customer Charge						
8-inch	12	540,000	\$ 25,227.82	\$ 302,734	\$ 25,227.82	\$ 302,734
Allowance 45,000 100 gallons						
1st block		322,610	0.1410	\$ 45,488	0.1410	\$ 45,488
Total Contract	12	862,610		\$ 348,222		\$ 348,222

AQUA PENNSYLVANIA, INC.

**CONTRACTS**  
**APPLICATION OF PRESENT AND SETTLEMENT RATES TO CONSUMPTION ANALYSIS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2021**

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Public Contract - SCI Forest County Prison</u>						
Customer Charge 4-inch	11		\$ 470.00	\$ 5,217	\$ 585.00	\$ 6,494
1st block		1,113	1.1900	\$ 1,325	1.4814	\$ 1,649
2nd block		2,594	1.0455	2,712	1.3015	3,376
3rd block		33,400	0.8573	28,634	1.0674	35,651
Over		810,426	0.7847	635,941	0.9769	791,705
Consumption True Up		186,440	0.7847	146,299	0.9769	182,133
Total Contract		1,033,973		814,911		1,014,515
Total SCI Forest Contract	11	1,033,973		\$ 820,128		\$ 1,021,008
<u>Public Contract - SCI Waymart</u>						
Customer Charge 8-inch (Apr. '20 - Dec. '20)	9	438,400	\$ 4,980.12	\$ 44,857	\$ 5,035.78	\$ 45,358
8-inch (Jan. '21 - Mar. '21)	3	145,600	5,035.78	15,064	5,035.78	15,064
Subtotal	12	584,000		59,921		60,423
Allowance 48,000 100 gallons						
All Usage (Apr. '20 - Dec. '20)		102,990	0.1810	\$ 18,641	0.1810	\$ 18,641
All Usage (Jan. '21 - Mar. '21)		12,440	0.1810	2,252	0.1810	2,252
Subtotal		115,430		20,893		20,893
Total Contract	12	699,430		80,814		81,316
<b>Total Public</b>	<b>\$ 32</b>	<b>\$ 2,596,013</b>		<b>\$ 1,249,164</b>		<b>\$ 1,450,546</b>

AQUA PENNSYLVANIA, INC.

CONTRACTS CONTINUED  
APPLICATION OF PRESENT AND SETTLEMENT RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Consumption, 100 Gallons (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Sales for Resale Contract - United Water PA</u>							
Customer Charge 2-inch	12	32,510	\$ 4,415.90	\$ 52,991	32,510	\$ 4,415.90	\$ 52,991
1st block		-	0.3250	\$ -	-	0.3250	-
2nd block		-	0.2500	\$ -	-	0.2500	-
Total Contract	12	32,510		\$ 52,991	32,510		\$ 52,991
<u>Sales for Resale Contract - Chemung</u>							
Customer Charge 10-inch	12		\$ 548.30	\$ 6,525		\$ 548.30	\$ 6,525
1st block		14,495	0.6640	\$ 9,625	14,495	0.6640	\$ 9,625
Total Contract	12	14,495		\$ 16,150	14,495		\$ 16,149
<u>Sales for Resale Contract - New Wilmington</u>							
Customer Charge 4-inch	26		\$ 470.00	\$ 12,173		\$ 585.00	\$ 15,152
1st block		559,140	0.5660	\$ 316,473	559,140	0.5660	\$ 316,473
Total Contract	26	559,140		\$ 328,646	559,140		\$ 331,625
<u>Sales for Resale Contract - Warwick</u>							
Customer Charge 8-inch (Apr. '20 - Nov. '20)	9	1,620,000	\$ 45,721.69	\$ 411,495	1,620,000	\$ 46,092.68	\$ 414,834
8-inch (Dec. '20 - Mar. '21)	3	540,000	46,092.68	138,278	540,000	46,092.68	138,278
Subtotal	12	2,160,000		549,773	2,160,000		553,112
Allowance 180,000 100 Gallons							
1st block (Apr. '20 - Nov. '20)		395,590	0.2210	87,425	395,590	0.2230	88,217
2nd block (Apr. '20 - Nov. '20)		49,550	0.2150	10,653	49,550	0.2170	10,752
1st block (Dec. '20 - Mar. '21)		72,060	0.2230	16,069	72,060	0.2230	16,069
2nd block (Dec. '20 - Mar. '21)		-	0.2170	-	-	0.2170	-
		517,200		114,147	517,200		115,038
Total Contract	12	2,677,200		\$ 663,920	2,677,200		\$ 668,150
<u>Sales for Resale Contract - Borough of Sharpsville</u>							
Customer Charge 8-inch	25	-	\$ 1,697.00	\$ 42,425		\$ 2,112.00	\$ 52,800
All Consumption (Apr. '20 - Nov. '20)		1,240,510	0.2400	\$ 297,722	1,240,510	0.2430	301,444
All Consumption (Dec. '20 - Mar. '21)		543,280	0.2430	132,017	543,280	0.2430	132,017
Subtotal		1,783,790		429,739	1,783,790		433,461
Total Contract	25	1,783,790		\$ 472,164	1,783,790		\$ 486,261
<u>Sales for Resale Contract - Hubbard Township</u>							
Customer Charge 6-inch (Apr. '20 - Nov. '20)	7	-	\$ -	\$ -	-	\$ -	\$ -
6-inch (Dec. '20 - Mar. '21)	5	-	-	-	-	-	-
Subtotal	12	-		-	-	-	-
All Usage (Apr. '20 - Nov. '20)		1,687,300	0.2290	\$ 386,392	1,687,300	0.2320	\$ 391,454
All Usage (Dec. '20 - Mar. '21)		1,130,400	0.2320	262,253	1,130,400	0.2320	262,253
Subtotal		2,817,700		648,645	2,817,700		653,706
Total Hubbard Contract	12	2,817,700		\$ 648,645	2,817,700		\$ 653,706

AQUA PENNSYLVANIA, INC.

CONTRACTS CONTINUED  
APPLICATION OF PRESENT AND SETTLEMENT RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Consumption, 100 Gallons (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Sales for Resale Contract - Horsham</u>							
Customer Charge							
6-inch (Apr. '20 - Sep. '20)	12		\$ 970.00	\$ 11,640		\$ 1,207.00	\$ 14,484
6-inch (Oct. '20 - Mar. '21)			-			-	-
Subtotal	12	-		11,640			14,484
Monthly Minimum (Aug. '20 - Nov. '20)		135,300	0.7050	\$ 95,387		-	\$ -
Monthly Minimum (Dec. '20 - Dec. '20)		123,480	0.7190	88,782		-	-
Block 1 (Apr. '21 - Jun. '21)			-	-	45,000	0.7190	32,355
Block 1 (Jul '21 - Mar. '22)			-	-	137,500	0.7440	102,300
Block 2 (Apr. '21 - Jun. '21)			-	-		0.4740	-
Block 2 (Jul '21 - Mar. '22)			-	-		0.4910	-
Subtotal		258,780		184,169	182,500		134,655
Total Horsham Contract	12	258,780		\$ 195,809	182,500		\$ 149,139
<u>Sales for Resale Contract - Schwenksville</u>							
Customer Charge							
3-inch	11	280,398	\$ 9,928.00	\$ 109,208	280,398	\$ 10,132.00	\$ 111,452
Subtotal	11	280,398		109,208	280,398		111,452
Allowance 25,500 100 gals./Mo.							
All Usage		46,037	0.3780	17,402	46,037	0.3860	17,770
Subtotal		46,037		17,402	46,037		17,770
Total Schwenksville Contract	11	326,435		\$ 126,610	326,435		\$ 129,222
<u>Sales for Resale Contract - Downingtown</u>							
Customer Charge							
3-inch	6	-	\$ -	\$ -	-	\$ -	\$ -
1st block		4,670	0.1040	486	4,670	0.1040	486
Total Downingtown Contract	6	4,670		\$ 486	4,670		\$ 486
<u>Sales for Resale Contract - Masury Water Company</u>							
Customer Charge							
6-inch Apr. '20 to May '20	2		\$ 970.00	\$ 1,940		\$ 1,207.00	\$ 2,414
8 -inch June '20 to Dec '20	10		1,697.00	16,970		2,112.00	21,120
12-inch June '20 to Dec '20	20		3,037.50	60,750		3,780.00	75,600
Subtotal	32			79,660			99,134
All usage (Jan '20 to June '20)		157,593	0.1876990	29,580	157,593	0.2320000	36,561
All Usage (July '20 to Dec '20)		720,740	0.1875710	135,190	720,740	0.2320000	167,212
		878,333		164,770	878,333		203,773
Total Contract	32	878,333		\$ 244,430	878,333		\$ 302,907
<u>Sales for Resale Contract - Bristol</u>							
Customer Charge							
3-inch	9	-	\$ -	\$ -	-	\$ -	\$ -
1st block		21,338	0.6550	13,976	21,338	0.6550	13,976
Total Contract	9	21,338		\$ 13,976	21,338		\$ 13,976
<b>Total Sales for Resale</b>	<b>169</b>	<b>9,374,391</b>		<b>2,763,827</b>	<b>9,298,111</b>		<b>2,804,613</b>

AQUA PENNSYLVANIA, INC.  
RATE ZONE 1  
MAIN DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge 5/8	26,706	-	\$ 18.00	\$ 480,708	\$ 22.40	\$ 598,214
Subtotal	26,706	-		\$ 480,708		\$ 598,214
1st block	20	534,120	1.0649	\$ 568,784	1.3490	\$ 720,528
2nd block	Over 20	558,879	1.2608	\$ 704,634	1.5971	\$ 892,585
Subtotal Consumption		1,092,999		\$ 1,273,418		\$ 1,613,113
Total Metered Residential	26,706	1,092,999		\$ 1,754,126		\$ 2,211,327
<u>Unmetered - Monthly</u>						
Customer Charge Flat Rate	(47)	-	\$ 65.52	\$ (3,079)	\$ 83.00	\$ (3,901)
Total Unmetered	(47)	-		\$ (3,079)		\$ (3,901)
<u>Sun Valley - Monthly*</u>						
Customer Charge Flat Rate/Meter Charge		-	\$ 19.50	\$ -	\$ 18.00	\$ -
Total Unmetered	-	-		\$ -		\$ -
Total Unmetered Residential	(47)	-		(3,079)		(3,901)
Total Residential	26,659	1,092,999		\$ 1,751,047		\$ 2,207,426
<u>Commercial - Monthly</u>						
Customer Charge 5/8	6	-	\$ 18.00	\$ 108	\$ 22.40	\$ 134
3/4		-	30.90	-	38.50	-
1		-	52.50	-	65.30	-
1-1/2		-	101.10	-	125.80	-
2		-	143.90	-	179.10	-
3		-	289.00	-	360.00	-
4		-	470.00	-	585.00	-
6		-	970.00	-	1,207.00	-
8		-	1,697.00	-	2,112.00	-
10		-	2,508.00	-	3,121.00	-
Subtotal	6	-		\$ 108		\$ 134
1st block		93	1.1900	\$ 111	1.4814	\$ 138
2nd block		-	1.0455	-	1.3015	-
3rd block		-	0.8673	-	1.0798	-
4th block		-	0.7938	-	0.9883	-
Subtotal Consumption		93		\$ 111		\$ 138
Commercial Bulk Usage		(79,020)	1.1900	\$ (94,034)	1.4814	\$ (117,060)
Total Commercial	6	(78,927)		\$ (93,815)		\$ (116,788)
ZONE 1 SUBTOTAL	26,665	1,014,072		\$ 1,657,232		\$ 2,090,638

\*Sun Valley is moving from flat Rate to being metered under proposed rates.

AQUA PENNSYLVANIA, INC.  
RATE ZONE 1  
MAIN DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO PRO FORMA COVID-19 ADJUSTMENTS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge 5/8			\$ 18.00	\$ -	\$ 22.40	\$ -
Subtotal	-	-				
1st block	20	(1,358,087)	1.0649	\$ (1,446,227)	1.3490	\$ (1,832,059)
2nd block	Over 20	(7,600,462)	1.2608	\$ (9,582,663)	1.5971	\$ (12,138,698)
Subtotal Consumption		(8,958,549)		\$ (11,028,890)		\$ (13,970,757)
Total Metered Residential	-	(8,958,549)		\$ (11,028,890)		\$ (13,970,757)
Total Residential	-	(8,958,549)		\$ (11,028,890)		\$ (13,970,757)
<u>Commercial - Monthly</u>						
Customer Charge 5/8			\$ 18.00	\$ -	\$ 22.40	\$ -
Subtotal	-	-				
1st block		1,486,229	1.1900	\$ 1,768,612	1.4814	\$ 2,201,699
2nd block		2,104,223	1.0455	\$ 2,199,965	1.3015	\$ 2,738,646
3rd block		4,416,751	0.8673	\$ 3,830,648	1.0798	\$ 4,769,208
4th block		2,453,769	0.7938	\$ 1,947,802	0.9883	\$ 2,425,060
Subtotal Consumption		10,460,971		\$ 9,747,027		\$ 12,134,613
Commercial Bulk Usage	-		1.1900	\$ -	1.4814	\$ -
Total Commercial	-	10,460,971		\$ 9,747,027		\$ 12,134,613
<u>Public - Monthly</u>						
Customer Charge 5/8			\$ 18.00	\$ -	\$ 22.40	\$ -
Subtotal	-	-				
1st block		99,186	1.1900	\$ 118,032	1.4814	\$ 146,935
2nd block		255,500	1.0455	\$ 267,125	1.3015	\$ 332,533
3rd block		812,075	0.8573	\$ 696,192	1.0674	\$ 866,809
4th block		173,155	0.7847	\$ 135,875	0.9769	\$ 169,155
Subtotal Consumption		1,339,916		\$ 1,217,224		\$ 1,515,432
Total Public	-	1,339,916		\$ 1,217,224		\$ 1,515,432
ZONE 1 SUBTOTAL	-	2,842,339		\$ (64,639)		\$ (320,712)

AQUA PENNSYLVANIA, INC.

**CONTRACTS**  
**APPLICATION OF PRESENT AND PROPOSED TO PRO FORMA ADJUSTMENTS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2020**

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Industrial Contract - Mt. Carmel</u>						
Customer Charge						
1-inch (Apr. '20 - Dec. '20)			\$ 52.50	\$ -	\$ 65.30	\$ -
1 1/2-inch (Apr. '20 - Dec. '20)			101.10	-	125.80	-
6-inch (Apr. '20 - Dec. '20)			970.00	-	1,207.00	-
1-inch (Jan '21 - Mar. '21)			52.50	-	65.30	-
1 1/2-inch (Jan '21 - Mar. '21)			101.10	-	125.80	-
6-inch (Jan '21 - Mar. '21)			970.00	-	1,207.00	-
Subtotal	-	-		-		-
Minimum 100,000 100 gallons						
All Usage (Apr. '20 - Dec. '20)		886,160	0.3020	\$ 267,620	0.3080	\$ 272,937
All Usage (Jan. '21 - Mar '21)		244,784	0.3080	75,393	0.3080	75,393
Subtotal		1,130,944		343,013		348,330
Total Contract	-	1,130,944		\$ 343,013		\$ 348,330
Total Industrial	-	1,130,944		\$ 343,013		\$ 348,330
<u>Sales for Resale Contract - Masury Water Company</u>						
Customer Charge						
6-inch	(2)		\$ 970.00	(1,940)	\$ 1,207.00	(2,414)
8-inch	2		1,697.00	3,394	2,112.00	4,224
12-inch	4		3,037.50	12,150	3,780.00	15,120
Subtotal	4			13,604		16,930
Additional Usage		670,467	0.187571	125,760	0.232000	155,548
		670,467		\$ 125,760		\$ 155,548
Total Contract	4	670,467		\$ 139,364		\$ 172,478
Total Sales for Resale	4	670,467		\$ 139,364		\$ 172,478

Schedule 7A  
Page 1 of 2

AQUA PENNSYLVANIA INC.

APPLICATION OF PRESENT AND PROPOSED RATES TO PRIVATE FIRE CONNECTIONS AS OF MARCH 31, 2021

Rate Zone, Connection Size (1)	Number (2)	Usage (3)	Present Rates		Number (6)	Usage (7)	Proposed Rates					
			Rate (4)	Revenue (5)			Rate (8)	Revenue (9)				
<b>Private Fire Metered Service</b>												
Main Division												
1" or A or F1	688		\$ 6.00	\$ 4,128	688		\$ 7.60	\$ 5,229				
1 1/2" or B or F1.5	1,871		13.80	25,813	1,871		17.40	32,547				
2" or C or F2	4,205		34.10	143,373	4,205		43.00	180,794				
3" or D or F3	24		55.40	1,330	24		69.80	1,675				
4" or E or F4	22,128		93.70	2,073,347	22,128		118.10	2,613,258				
6" or G or F6	27,310		206.40	5,636,763	27,310		260.10	7,103,305				
8" or K or F8	10,002		360.10	3,601,648	10,002		453.70	4,537,817				
10" or L or F10	516		548.30	282,923	516		690.90	356,504				
12" or F12	12		1,519.00	18,228	12		1,913.90	22,967				
Subtotal	66,754			11,787,553	66,754			14,854,095				
Usage		1,021,717	1.2490	1,276,125		1,021,717	1.4814	1,513,572				
Total Main Division	66,754	1,021,717		\$ 13,063,678	66,754	1,021,717		\$ 16,367,666				
Superior												
1" or A or F1	2,309		\$ 6.00	13,851	2,309		\$ 7.60	17,545				
2" or C or F2	24		22.90	559	24		32.10	783				
4" or E or F4	96		86.70	8,341	96		118.10	11,361				
6" or G or F6	156		120.00	18,720	156		206.40	32,198				
8" or K or F8	36		120.00	4,320	36		174.00	6,264				
Subtotal	2,621			45,790	2,621			68,151				
Total Superior	2,621			\$ 45,790	2,621			\$ 68,151				
Bristol Township												
1" or A or F1	31		\$ 6.00	185	31		\$ 7.60	234				
1 1/2" or B	12		13.80	166	12		17.40	209				
2" or C or F2	462		34.10	15,761	462		43.00	19,875				
3" or D or F3	12		55.40	665	12		69.80	838				
4" or E or F4	548		80.80	44,303	548		118.10	64,754				
6" or G or F6	2,113		163.20	344,776	2,113		236.60	499,841				
8" or K or F8	1,085		270.10	293,140	1,085		391.60	425,003				
10" or L or F10	108		404.20	43,654	108		586.10	63,299				
Subtotal	4,371			742,648	4,371			1,074,053				
Usage		27,662	0.8700	24,066		27,662	1.4814	40,978				
Total Bristol Township	4,371	27,662		766,714	4,371	27,662		1,115,031				
Liberty Power Contract												
10"	8		\$ -	-	8		\$ -	-				
Usage		161,350	0.0990	15,974		161,350	0.0990	15,974				
Total Liberty Power	8	161,350		15,974	8	161,350		15,974				
<b>Total Metered Private Fire</b>	<b>73,755</b>	<b>1,210,729</b>		<b>\$ 13,892,156</b>	<b>73,755</b>	<b>1,210,729</b>		<b>\$ 17,566,823</b>				
<b>Private Hydrants</b>												
Main Division	23,869		46.00	1,097,988	23,869		54.65	1,304,457				
Peddlers View	168		26.00	4,368	168		36.40	6,115				
Honesdale	252		26.00	6,552	252		36.40	9,173				
Sand Springs	516		26.00	13,416	516		36.40	18,782				
Eagle Rock	2,040		22.80	46,512	2,040		31.90	65,076				
Phoenixville	132		22.50	2,970	132		31.50	4,158				
Total Private Hydrants	26,977			\$ 1,171,806	26,977			\$ 1,407,762				
<b>Total Private Fire Revenue</b>	<b>100,732</b>			<b>\$ 15,063,962</b>				<b>\$ 18,974,584</b>				

AQUA PENNSYLVANIA INC.

APPLICATION OF PRESENT AND PROPOSED RATES TO PRIVATE FIRE ADJUSTMENTS AS OF MARCH 31, 2021

Rate Zone, Connection Size (1)	Number (2)	Usage (3)	Present Rates		Number (6)	Usage (7)	Proposed Rates					
			Rate (4)	Revenue (5)			Rate (8)	Revenue (9)				
<b>Private Fire Metered Service</b>												
Main Division												
1" or A or F1		\$ 6.00	\$ -	\$ -		\$ 7.60	\$ -					
1 1/2" or B or F1.5	(45)	13.80	(621)	(45)		17.40	(783)					
2" or C or F2	(33)	34.10	(1,125)	(33)		43.00	(1,419)					
3" or D or F3		55.40	-	-		69.80	-					
4" or E or F4	(161)	93.70	(15,086)	(161)		118.10	(19,014)					
6" or G or F6		206.40	-	-		260.10	-					
8" or K or F8	(41)	360.10	(14,764)	(41)		453.70	(18,602)					
10" or L or F10		548.30	-	-		690.90	-					
12" or F12		1,519.00	-	-		1,913.90	-					
Subtotal	(280)		(31,596)	(280)			(39,818)					
Usage		1.2490	-	-		1.4814	-					
Total Main Division	(280)	-	\$ (31,596)	(280)	-	\$ (39,818)						
Superior												
1" or A or F1		\$ 6.00	-	-		\$ 7.60	-					
2" or C or F2		22.90	-	-		32.10	-					
4" or E or F4		86.70	-	-		118.10	-					
6" or G or F6		120.00	-	-		206.40	-					
8" or K or F8		120.00	-	-		174.00	-					
Subtotal	-		-	-			-					
Total Superior	-		\$ -	-		\$ -						
Bristol Township												
1" or A or F1		\$ 6.00	-	-		\$ 7.60	-					
1 1/2" or B		13.80	-	-		17.40	-					
2" or C or F2		34.10	-	-		43.00	-					
3" or D or F3		55.40	-	-		69.80	-					
4" or E or F4		80.80	-	-		118.10	-					
6" or G or F6	(25)	163.20	(4,080)	(25)		236.60	(5,915)					
8" or K or F8	(11)	270.10	(2,971)	(11)		391.60	(4,308)					
10" or L or F10		404.20	-	-		586.10	-					
Subtotal	(36)		(7,051)	(36)			(10,223)					
Usage		0.8700	-	-		1.4814	-					
Total Bristol Township	(36)	-	(7,051)	(36)	-		(10,223)					
Liberty Power Contract												
10"		\$ -	-	-		\$ -	-					
Usage		0.0990	-	-		0.0990	-					
Total Liberty Power	-	-	-	-			-					
<b>Total Metered Private Fire</b>	<b>(316)</b>	<b>-</b>	<b>\$ (38,647)</b>	<b>(316)</b>	<b>-</b>	<b>\$ (50,040)</b>						
<b>Private Hydrants</b>												
Main Division		46.00	-	-		54.65	-					
Peddlers View		26.00	-	-		36.40	-					
Honesdale		26.00	-	-		36.40	-					
Sand Springs		26.00	-	-		36.40	-					
Eagle Rock		22.80	-	-		31.90	-					
Phoenixville		22.50	-	-		31.50	-					
Total Private Hydrants	-	\$ -	-	-		\$ -	-					
<b>Total Private Fire Revenue</b>	<b>(316)</b>	<b>\$ (38,647)</b>				<b>\$ (50,040)</b>						

AQUA PENNSYLVANIA INC.

APPLICATION OF PRESENT AND PROPOSED RATES TO  
THE NUMBER OF PUBLIC FIRE HYDRANTS AS OF MARCH 31 2021

Service Area (1)	Pro Forma Number of Bills (2)	Present Monthly Rate (3)	Pro Forma Present Revenue (4)	Proposed Monthly Rate (5)	Pro Forma Proposed Revenue (6)
Main Division	221,206	\$ 25.86	\$ 5,720,390	\$ 31.15	\$ 6,890,570
Media Service Area = >6	9,384	34.00	319,056	34.00	319,056
Bensalem	16,884	17.80	300,535	24.90	420,412
Bristol Township	1,056	15.90	16,790	22.30	23,549
Chalfont	2,570	21.30	54,741	29.80	76,586
Concord Park	48	12.10	581	16.90	811
Kratzerville	216	21.30	4,601	29.80	6,437
Mifflin Township	348	13.90	4,837	19.50	6,786
Mount Jewett	480	8.70	4,176	12.20	5,856
Phoenixville	504	22.50	11,340	31.15	15,700
Total	<u>252,696</u>		<u>\$ 6,437,047</u>		<u>\$ 7,765,762</u>
COS for Public Fire less other rev. 25% COS per hydrant			31,482,848 7,870,712 31.15		

AQUA PENNSYLVANIA INC.  
RATE ZONE 1 - MAIN DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE AMOUNT (4)	INCREASE PERCENT (5)
	PRESENT RATES*	PROPOSED RATES		
0	\$ 19.35	\$ 22.40	\$ 3.05	15.76%
1,000	\$ 30.80	\$ 35.89	\$ 5.09	16.53%
2,000	\$ 42.25	\$ 49.38	\$ 7.13	16.89%
3,000	\$ 55.80	\$ 65.35	\$ 9.55	17.12%
3,700	\$ 65.29	\$ 76.53	\$ 11.24	17.22%
4,000	\$ 69.35	\$ 81.32	\$ 11.97	17.26%
5,000	\$ 82.91	\$ 97.29	\$ 14.39	17.35%
6,000	\$ 96.46	\$ 113.26	\$ 16.80	17.42%
7,000	\$ 110.01	\$ 129.24	\$ 19.22	17.47%
8,000	\$ 123.57	\$ 145.21	\$ 21.64	17.51%
9,000	\$ 137.12	\$ 161.18	\$ 24.06	17.54%
10,000	\$ 150.67	\$ 177.15	\$ 26.47	17.57%
11,000	\$ 164.23	\$ 193.12	\$ 28.89	17.59%
12,000	\$ 177.78	\$ 209.09	\$ 31.31	17.61%
13,000	\$ 191.33	\$ 225.06	\$ 33.73	17.63%
14,000	\$ 204.89	\$ 241.03	\$ 36.14	17.64%
15,000	\$ 218.44	\$ 257.00	\$ 38.56	17.65%
16,000	\$ 232.00	\$ 272.97	\$ 40.98	17.66%
17,000	\$ 245.55	\$ 288.95	\$ 43.40	17.67%
18,000	\$ 259.10	\$ 304.92	\$ 45.81	17.68%
19,000	\$ 272.66	\$ 320.89	\$ 48.23	17.69%
20,000	\$ 286.21	\$ 336.86	\$ 50.65	17.70%
25,000	\$ 353.98	\$ 416.71	\$ 62.73	17.72%
30,000	\$ 421.75	\$ 496.57	\$ 74.82	17.74%
35,000	\$ 489.51	\$ 576.42	\$ 86.91	17.75%
40,000	\$ 557.28	\$ 656.28	\$ 99.00	17.76%
45,000	\$ 625.05	\$ 736.13	\$ 111.08	17.77%
50,000	\$ 692.82	\$ 815.99	\$ 123.17	17.78%
60,000	\$ 828.35	\$ 975.70	\$ 147.34	17.79%
70,000	\$ 963.89	\$ 1,135.41	\$ 171.52	17.79%
80,000	\$ 1,099.43	\$ 1,295.12	\$ 195.69	17.80%
90,000	\$ 1,234.96	\$ 1,454.83	\$ 219.87	17.80%
100,000	\$ 1,370.50	\$ 1,614.54	\$ 244.04	17.81%
110,000	\$ 1,506.03	\$ 1,774.25	\$ 268.21	17.81%
120,000	\$ 1,641.57	\$ 1,933.96	\$ 292.39	17.81%
130,000	\$ 1,777.11	\$ 2,093.67	\$ 316.56	17.81%
140,000	\$ 1,912.64	\$ 2,253.38	\$ 340.74	17.81%
150,000	\$ 2,048.18	\$ 2,413.09	\$ 364.91	17.82%
160,000	\$ 2,183.71	\$ 2,572.80	\$ 389.08	17.82%
170,000	\$ 2,319.25	\$ 2,732.51	\$ 413.26	17.82%
180,000	\$ 2,454.79	\$ 2,892.22	\$ 437.43	17.82%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 1 - MAIN DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
COMMERCIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES* (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$ 19.35	\$ 22.40	\$ 3.05	15.76%
1,000	\$ 32.14	\$ 37.21	\$ 5.07	15.78%
2,000	\$ 44.94	\$ 52.03	\$ 7.09	15.79%
5,000	\$ 83.31	\$ 96.47	\$ 13.16	15.79%
6,000	\$ 96.11	\$ 111.28	\$ 15.18	15.79%
7,000	\$ 108.90	\$ 126.10	\$ 17.20	15.80%
8,000	\$ 121.69	\$ 140.91	\$ 19.22	15.80%
9,000	\$ 134.48	\$ 155.73	\$ 21.24	15.80%
10,000	\$ 147.28	\$ 170.54	\$ 23.27	15.80%
11,000	\$ 158.51	\$ 183.56	\$ 25.04	15.80%
12,000	\$ 169.75	\$ 196.57	\$ 26.82	15.80%
13,000	\$ 180.99	\$ 209.59	\$ 28.59	15.80%
14,000	\$ 192.23	\$ 222.60	\$ 30.37	15.80%
15,000	\$ 203.47	\$ 235.62	\$ 32.14	15.80%
20,000	\$ 259.67	\$ 300.69	\$ 41.02	15.80%
25,000	\$ 315.86	\$ 365.77	\$ 49.90	15.80%
30,000	\$ 372.06	\$ 430.84	\$ 58.78	15.80%
35,000	\$ 425.00	\$ 492.15	\$ 67.15	15.80%
40,000	\$ 471.61	\$ 546.14	\$ 74.52	15.80%
45,000	\$ 518.23	\$ 600.13	\$ 81.89	15.80%
50,000	\$ 564.85	\$ 654.12	\$ 89.27	15.80%
60,000	\$ 658.08	\$ 762.10	\$ 104.01	15.81%
70,000	\$ 751.32	\$ 870.08	\$ 118.76	15.81%
80,000	\$ 844.55	\$ 978.06	\$ 133.50	15.81%
90,000	\$ 937.79	\$ 1,086.04	\$ 148.25	15.81%
100,000	\$ 1,031.02	\$ 1,194.02	\$ 162.99	15.81%
110,000	\$ 1,124.26	\$ 1,302.00	\$ 177.74	15.81%
120,000	\$ 1,217.49	\$ 1,409.98	\$ 192.48	15.81%
130,000	\$ 1,310.73	\$ 1,517.96	\$ 207.23	15.81%
140,000	\$ 1,403.96	\$ 1,625.94	\$ 221.97	15.81%
150,000	\$ 1,497.20	\$ 1,733.92	\$ 236.72	15.81%
160,000	\$ 1,590.43	\$ 1,841.90	\$ 251.47	15.81%
170,000	\$ 1,683.67	\$ 1,949.88	\$ 266.21	15.81%
180,000	\$ 1,776.90	\$ 2,057.86	\$ 280.96	15.81%
190,000	\$ 1,870.14	\$ 2,165.84	\$ 295.70	15.81%
200,000	\$ 1,963.37	\$ 2,273.82	\$ 310.45	15.81%
210,000	\$ 2,056.60	\$ 2,381.80	\$ 325.19	15.81%
220,000	\$ 2,149.84	\$ 2,489.78	\$ 339.94	15.81%
230,000	\$ 2,243.07	\$ 2,597.76	\$ 354.68	15.81%
240,000	\$ 2,336.31	\$ 2,705.74	\$ 369.43	15.81%
250,000	\$ 2,429.54	\$ 2,813.72	\$ 384.17	15.81%
260,000	\$ 2,522.78	\$ 2,921.70	\$ 398.92	15.81%
270,000	\$ 2,616.01	\$ 3,029.68	\$ 413.66	15.81%
280,000	\$ 2,709.25	\$ 3,137.66	\$ 428.41	15.81%
290,000	\$ 2,802.48	\$ 3,245.64	\$ 443.15	15.81%
300,000	\$ 2,895.72	\$ 3,353.62	\$ 457.90	15.81%
310,000	\$ 2,988.95	\$ 3,461.60	\$ 472.64	15.81%
320,000	\$ 3,082.19	\$ 3,569.58	\$ 487.39	15.81%
330,000	\$ 3,175.42	\$ 3,677.56	\$ 502.13	15.81%
340,000	\$ 3,263.13	\$ 3,779.13	\$ 516.01	15.81%
350,000	\$ 3,348.46	\$ 3,877.96	\$ 529.50	15.81%
360,000	\$ 3,433.79	\$ 3,976.79	\$ 543.00	15.81%
370,000	\$ 3,519.13	\$ 4,075.62	\$ 556.50	15.81%
380,000	\$ 3,604.46	\$ 4,174.45	\$ 569.99	15.81%
390,000	\$ 3,689.79	\$ 4,273.28	\$ 583.49	15.81%
400,000	\$ 3,775.13	\$ 4,372.11	\$ 596.98	15.81%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 1 - MAIN DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
INDUSTRIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS	BILLS UNDER		INCREASE	
	PRESENT RATES*	PROPOSED RATES	AMOUNT	PERCENT
(1)	(2)	(3)	(4)	(5)
0	\$ 19.35	\$ 22.40	\$ 3.05	15.76%
1,000	\$ 32.14	\$ 37.21	\$ 5.07	15.78%
2,000	\$ 44.94	\$ 52.03	\$ 7.09	15.79%
3,000	\$ 57.73	\$ 66.84	\$ 9.11	15.79%
4,000	\$ 70.52	\$ 81.66	\$ 11.14	15.79%
4,080	\$ 71.54	\$ 82.84	\$ 11.30	15.79%
5,000	\$ 83.31	\$ 96.47	\$ 13.16	15.79%
6,000	\$ 96.11	\$ 111.28	\$ 15.18	15.79%
7,000	\$ 108.90	\$ 126.10	\$ 17.20	15.80%
8,000	\$ 121.69	\$ 140.91	\$ 19.22	15.80%
9,000	\$ 134.48	\$ 155.73	\$ 21.24	15.80%
10,000	\$ 147.28	\$ 170.54	\$ 23.27	15.80%
11,000	\$ 158.51	\$ 183.56	\$ 25.04	15.80%
12,000	\$ 169.75	\$ 196.57	\$ 26.82	15.80%
13,000	\$ 180.99	\$ 209.59	\$ 28.59	15.80%
14,000	\$ 192.23	\$ 222.60	\$ 30.37	15.80%
15,000	\$ 203.47	\$ 235.62	\$ 32.14	15.80%
16,000	\$ 214.71	\$ 248.63	\$ 33.92	15.80%
17,000	\$ 225.95	\$ 261.65	\$ 35.70	15.80%
18,000	\$ 237.19	\$ 274.66	\$ 37.47	15.80%
19,000	\$ 248.43	\$ 287.68	\$ 39.25	15.80%
20,000	\$ 259.67	\$ 300.69	\$ 41.02	15.80%
100,000	\$ 1,031.02	\$ 1,194.02	\$ 162.99	15.81%
200,000	\$ 1,963.37	\$ 2,273.82	\$ 310.45	15.81%
300,000	\$ 2,895.72	\$ 3,353.62	\$ 457.90	15.81%
400,000	\$ 3,775.13	\$ 4,372.11	\$ 596.98	15.81%
500,000	\$ 4,628.46	\$ 5,360.41	\$ 731.95	15.81%
600,000	\$ 5,481.80	\$ 6,348.71	\$ 866.91	15.81%
700,000	\$ 6,335.13	\$ 7,337.01	\$ 1,001.88	15.81%
1,000,000	\$ 8,895.14	\$ 10,301.91	\$ 1,406.77	15.82%
1,980,000	\$ 17,257.82	\$ 19,987.25	\$ 2,729.43	15.82%
1,990,000	\$ 17,343.15	\$ 20,086.08	\$ 2,742.93	15.82%
2,000,000	\$ 17,428.49	\$ 20,184.91	\$ 2,756.42	15.82%
3,000,000	\$ 25,961.84	\$ 30,067.91	\$ 4,106.07	15.82%
4,000,000	\$ 34,148.86	\$ 39,939.57	\$ 5,790.71	16.96%
5,000,000	\$ 42,162.99	\$ 49,805.57	\$ 7,642.58	18.13%
6,000,000	\$ 50,177.11	\$ 59,671.57	\$ 9,494.46	18.92%
7,000,000	\$ 58,191.24	\$ 69,537.57	\$ 11,346.33	19.50%
8,000,000	\$ 66,205.36	\$ 79,403.57	\$ 13,198.21	19.94%
9,000,000	\$ 74,219.49	\$ 89,269.57	\$ 15,050.08	20.28%
10,000,000	\$ 82,233.61	\$ 99,135.57	\$ 16,901.96	20.55%
11,000,000	\$ 88,643.84	\$ 107,027.57	\$ 18,383.73	20.74%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 1 - MAIN DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
PUBLIC - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES* (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)	
0	\$ 19.35	\$ 22.40	\$ 3.05	15.76%	
1,000	\$ 32.14	\$ 37.21	\$ 5.07	15.78%	
2,000	\$ 44.94	\$ 52.03	\$ 7.09	15.79%	
5,000	\$ 83.31	\$ 96.47	\$ 13.16	15.79%	
6,000	\$ 96.11	\$ 111.28	\$ 15.18	15.79%	
7,000	\$ 108.90	\$ 126.10	\$ 17.20	15.80%	
8,000	\$ 121.69	\$ 140.91	\$ 19.22	15.80%	
9,000	\$ 134.48	\$ 155.73	\$ 21.24	15.80%	
10,000	\$ 147.28	\$ 170.54	\$ 23.27	15.80%	
11,000	\$ 158.51	\$ 183.56	\$ 25.04	15.80%	
12,000	\$ 169.75	\$ 196.57	\$ 26.82	15.80%	
13,000	\$ 180.99	\$ 209.59	\$ 28.59	15.80%	
14,000	\$ 192.23	\$ 222.60	\$ 30.37	15.80%	
15,000	\$ 203.47	\$ 235.62	\$ 32.14	15.80%	
16,000	\$ 214.71	\$ 248.63	\$ 33.92	15.80%	
17,000	\$ 225.95	\$ 261.65	\$ 35.70	15.80%	
18,000	\$ 237.19	\$ 274.66	\$ 37.47	15.80%	
19,000	\$ 248.43	\$ 287.68	\$ 39.25	15.80%	
20,000	\$ 259.67	\$ 300.69	\$ 41.02	15.80%	
25,000	\$ 315.86	\$ 365.77	\$ 49.90	15.80%	
30,000	\$ 372.06	\$ 430.84	\$ 58.78	15.80%	
35,000	\$ 424.81	\$ 491.94	\$ 67.12	15.80%	
40,000	\$ 470.89	\$ 545.31	\$ 74.41	15.80%	
45,000	\$ 516.97	\$ 598.68	\$ 81.70	15.80%	
50,000	\$ 563.05	\$ 652.05	\$ 88.99	15.81%	
60,000	\$ 655.21	\$ 758.79	\$ 103.57	15.81%	
70,000	\$ 747.37	\$ 865.53	\$ 118.15	15.81%	
80,000	\$ 839.53	\$ 972.27	\$ 132.73	15.81%	
90,000	\$ 931.69	\$ 1,079.01	\$ 147.31	15.81%	
100,000	\$ 1,023.85	\$ 1,185.75	\$ 161.89	15.81%	
110,000	\$ 1,116.01	\$ 1,292.49	\$ 176.47	15.81%	
120,000	\$ 1,208.17	\$ 1,399.23	\$ 191.05	15.81%	
130,000	\$ 1,300.33	\$ 1,505.97	\$ 205.63	15.81%	
140,000	\$ 1,392.49	\$ 1,612.71	\$ 220.21	15.81%	
150,000	\$ 1,484.65	\$ 1,719.45	\$ 234.79	15.81%	
160,000	\$ 1,576.81	\$ 1,826.19	\$ 249.37	15.82%	
170,000	\$ 1,668.97	\$ 1,932.93	\$ 263.95	15.82%	
180,000	\$ 1,761.13	\$ 2,039.67	\$ 278.54	15.82%	
190,000	\$ 1,853.29	\$ 2,146.41	\$ 293.12	15.82%	
200,000	\$ 1,945.45	\$ 2,253.15	\$ 307.70	15.82%	
210,000	\$ 2,037.61	\$ 2,359.89	\$ 322.28	15.82%	
220,000	\$ 2,129.77	\$ 2,466.63	\$ 336.86	15.82%	
230,000	\$ 2,221.93	\$ 2,573.37	\$ 351.44	15.82%	
240,000	\$ 2,314.09	\$ 2,680.11	\$ 366.02	15.82%	
250,000	\$ 2,406.25	\$ 2,786.85	\$ 380.60	15.82%	
260,000	\$ 2,498.41	\$ 2,893.59	\$ 395.18	15.82%	
270,000	\$ 2,590.57	\$ 3,000.33	\$ 409.76	15.82%	
280,000	\$ 2,682.73	\$ 3,107.07	\$ 424.34	15.82%	
290,000	\$ 2,774.89	\$ 3,213.81	\$ 438.92	15.82%	
300,000	\$ 2,867.05	\$ 3,320.55	\$ 453.50	15.82%	
310,000	\$ 2,959.21	\$ 3,427.29	\$ 468.08	15.82%	
320,000	\$ 3,051.37	\$ 3,534.03	\$ 482.66	15.82%	
330,000	\$ 3,143.53	\$ 3,640.77	\$ 497.24	15.82%	
340,000	\$ 3,230.22	\$ 3,741.17	\$ 510.95	15.82%	
350,000	\$ 3,314.58	\$ 3,838.86	\$ 524.28	15.82%	
360,000	\$ 3,398.93	\$ 3,936.55	\$ 537.62	15.82%	
370,000	\$ 3,483.29	\$ 4,034.24	\$ 550.95	15.82%	
380,000	\$ 3,567.64	\$ 4,131.93	\$ 564.29	15.82%	
390,000	\$ 3,652.00	\$ 4,229.62	\$ 577.62	15.82%	
400,000	\$ 3,736.35	\$ 4,327.31	\$ 590.96	15.82%	

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 1 - CC GARDENS AND SAND SPRINGS  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE AMOUNT (4)	INCREASE PERCENT (5)
	PRESENT RATES* (2)	PROPOSED RATES (3)		
0	\$ 19.35	\$ 22.40	\$ 3.05	15.76%
1,000	\$ 27.76	\$ 35.89	\$ 8.13	29.30%
2,000	\$ 36.16	\$ 49.38	\$ 13.22	36.55%
3,000	\$ 46.16	\$ 65.35	\$ 19.19	41.57%
3,700	\$ 53.16	\$ 76.53	\$ 23.37	43.97%
4,000	\$ 56.16	\$ 81.32	\$ 25.16	44.81%
5,000	\$ 66.16	\$ 97.29	\$ 31.14	47.07%
6,000	\$ 76.15	\$ 113.26	\$ 37.11	48.73%
7,000	\$ 86.15	\$ 129.24	\$ 43.08	50.01%
8,000	\$ 96.15	\$ 145.21	\$ 49.06	51.02%
9,000	\$ 106.15	\$ 161.18	\$ 55.03	51.85%
10,000	\$ 116.14	\$ 177.15	\$ 61.01	52.53%
11,000	\$ 126.14	\$ 193.12	\$ 66.98	53.10%
12,000	\$ 136.14	\$ 209.09	\$ 72.95	53.59%
13,000	\$ 146.14	\$ 225.06	\$ 78.93	54.01%
14,000	\$ 156.13	\$ 241.03	\$ 84.90	54.38%
15,000	\$ 166.13	\$ 257.00	\$ 90.87	54.70%
16,000	\$ 176.13	\$ 272.97	\$ 96.85	54.99%
17,000	\$ 186.13	\$ 288.95	\$ 102.82	55.24%
18,000	\$ 196.12	\$ 304.92	\$ 108.79	55.47%
19,000	\$ 206.12	\$ 320.89	\$ 114.77	55.68%
20,000	\$ 216.12	\$ 336.86	\$ 120.74	55.87%
25,000	\$ 266.11	\$ 416.71	\$ 150.61	56.60%
30,000	\$ 316.09	\$ 496.57	\$ 180.48	57.10%
35,000	\$ 366.08	\$ 576.42	\$ 210.34	57.46%
40,000	\$ 416.07	\$ 656.28	\$ 240.21	57.73%
45,000	\$ 466.06	\$ 736.13	\$ 270.08	57.95%
50,000	\$ 516.04	\$ 815.99	\$ 299.95	58.12%
60,000	\$ 616.02	\$ 975.70	\$ 359.68	58.39%
70,000	\$ 715.99	\$ 1,135.41	\$ 419.42	58.58%
80,000	\$ 815.97	\$ 1,295.12	\$ 479.15	58.72%
90,000	\$ 915.94	\$ 1,454.83	\$ 538.89	58.83%
100,000	\$ 1,015.92	\$ 1,614.54	\$ 598.62	58.92%
110,000	\$ 1,115.89	\$ 1,774.25	\$ 658.36	59.00%
120,000	\$ 1,215.87	\$ 1,933.96	\$ 718.09	59.06%
130,000	\$ 1,315.84	\$ 2,093.67	\$ 777.83	59.11%
140,000	\$ 1,415.82	\$ 2,253.38	\$ 837.56	59.16%
150,000	\$ 1,515.79	\$ 2,413.09	\$ 897.30	59.20%
160,000	\$ 1,615.77	\$ 2,572.80	\$ 957.03	59.23%
170,000	\$ 1,715.74	\$ 2,732.51	\$ 1,016.77	59.26%
180,000	\$ 1,815.72	\$ 2,892.22	\$ 1,076.50	59.29%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 1 - BEECH MOUNTAIN DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE AMOUNT (4)	INCREASE PERCENT (5)
	PRESENT RATES* (2)	PROPOSED RATES (3)		
0	\$ 19.35	\$ 22.40	\$ 3.05	15.76%
1,000	\$ 22.97	\$ 28.56	\$ 5.59	24.34%
2,000	\$ 26.58	\$ 34.72	\$ 8.13	30.59%
3,000	\$ 30.20	\$ 40.87	\$ 10.67	35.33%
3,700	\$ 32.73	\$ 45.18	\$ 12.45	38.03%
4,000	\$ 33.82	\$ 47.03	\$ 13.21	39.07%
5,000	\$ 37.44	\$ 53.19	\$ 15.75	42.08%
6,000	\$ 41.05	\$ 59.35	\$ 18.29	44.56%
7,000	\$ 44.67	\$ 65.51	\$ 20.83	46.64%
8,000	\$ 48.29	\$ 71.66	\$ 23.38	48.41%
9,000	\$ 51.91	\$ 77.82	\$ 25.92	49.93%
10,000	\$ 55.52	\$ 83.98	\$ 28.46	51.25%
11,000	\$ 59.14	\$ 90.14	\$ 31.00	52.41%
12,000	\$ 62.76	\$ 96.30	\$ 33.54	53.44%
13,000	\$ 66.38	\$ 102.45	\$ 36.08	54.35%
14,000	\$ 69.99	\$ 108.61	\$ 38.62	55.17%
15,000	\$ 73.61	\$ 114.77	\$ 41.16	55.91%
16,000	\$ 77.23	\$ 120.93	\$ 43.70	56.59%
17,000	\$ 80.85	\$ 127.09	\$ 46.24	57.20%
18,000	\$ 84.46	\$ 133.24	\$ 48.78	57.75%
19,000	\$ 88.08	\$ 139.40	\$ 51.32	58.27%
20,000	\$ 91.70	\$ 145.56	\$ 53.86	58.74%
25,000	\$ 109.78	\$ 176.35	\$ 66.57	60.63%
30,000	\$ 127.87	\$ 207.14	\$ 79.27	61.99%
35,000	\$ 145.96	\$ 237.93	\$ 91.97	63.01%
40,000	\$ 164.05	\$ 268.72	\$ 104.68	63.81%
45,000	\$ 182.13	\$ 299.51	\$ 117.38	64.45%
50,000	\$ 200.22	\$ 330.30	\$ 130.08	64.97%
60,000	\$ 236.39	\$ 391.88	\$ 155.49	65.78%
70,000	\$ 272.57	\$ 453.46	\$ 180.89	66.37%
80,000	\$ 308.74	\$ 515.04	\$ 206.30	66.82%
90,000	\$ 344.91	\$ 576.62	\$ 231.71	67.18%
100,000	\$ 381.09	\$ 638.20	\$ 257.11	67.47%
110,000	\$ 417.26	\$ 699.78	\$ 282.52	67.71%
120,000	\$ 453.44	\$ 761.36	\$ 307.93	67.91%
130,000	\$ 489.61	\$ 822.94	\$ 333.33	68.08%
140,000	\$ 525.78	\$ 884.52	\$ 358.74	68.23%
150,000	\$ 561.96	\$ 946.10	\$ 384.14	68.36%
160,000	\$ 598.13	\$ 1,007.68	\$ 409.55	68.47%
170,000	\$ 634.30	\$ 1,069.26	\$ 434.96	68.57%
180,000	\$ 670.48	\$ 1,130.84	\$ 460.36	68.66%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 1 - BRISTOL TOWNSHIP DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE AMOUNT (4)	INCREASE PERCENT (5)
	PRESENT RATES* (2)	PROPOSED RATES (3)		
0	\$ 19.35	\$ 22.40	\$ 3.05	15.76%
1,000	\$ 24.73	\$ 30.98	\$ 6.25	25.28%
2,000	\$ 30.10	\$ 39.55	\$ 9.45	31.40%
3,000	\$ 35.48	\$ 48.13	\$ 12.65	35.66%
3,700	\$ 39.24	\$ 54.13	\$ 14.89	37.95%
4,000	\$ 40.85	\$ 56.70	\$ 15.85	38.80%
5,000	\$ 46.23	\$ 65.28	\$ 19.05	41.21%
6,000	\$ 51.60	\$ 73.85	\$ 22.25	43.12%
7,000	\$ 56.98	\$ 82.43	\$ 25.45	44.67%
8,000	\$ 62.35	\$ 91.00	\$ 28.65	45.95%
9,000	\$ 67.73	\$ 99.58	\$ 31.85	47.03%
10,000	\$ 73.10	\$ 108.15	\$ 35.05	47.95%
11,000	\$ 78.48	\$ 116.73	\$ 38.25	48.74%
12,000	\$ 83.85	\$ 125.30	\$ 41.45	49.43%
13,000	\$ 89.23	\$ 133.88	\$ 44.65	50.04%
14,000	\$ 94.60	\$ 142.45	\$ 47.85	50.58%
15,000	\$ 99.98	\$ 151.03	\$ 51.05	51.06%
16,000	\$ 105.35	\$ 159.60	\$ 54.25	51.50%
17,000	\$ 110.73	\$ 168.18	\$ 57.45	51.89%
18,000	\$ 116.10	\$ 176.75	\$ 60.65	52.24%
19,000	\$ 121.48	\$ 185.33	\$ 63.85	52.56%
20,000	\$ 126.85	\$ 193.90	\$ 67.05	52.86%
25,000	\$ 153.73	\$ 236.78	\$ 83.05	54.03%
30,000	\$ 180.60	\$ 279.65	\$ 99.05	54.84%
35,000	\$ 207.48	\$ 322.53	\$ 115.05	55.45%
40,000	\$ 234.35	\$ 365.40	\$ 131.05	55.92%
45,000	\$ 261.23	\$ 408.28	\$ 147.05	56.29%
50,000	\$ 288.10	\$ 451.15	\$ 163.05	56.59%
60,000	\$ 341.85	\$ 536.90	\$ 195.05	57.06%
70,000	\$ 395.60	\$ 622.65	\$ 227.05	57.39%
80,000	\$ 449.35	\$ 708.40	\$ 259.05	57.65%
90,000	\$ 503.10	\$ 794.15	\$ 291.05	57.85%
100,000	\$ 556.85	\$ 879.90	\$ 323.05	58.01%
110,000	\$ 610.60	\$ 965.65	\$ 355.05	58.15%
120,000	\$ 664.35	\$ 1,051.40	\$ 387.05	58.26%
130,000	\$ 718.10	\$ 1,137.15	\$ 419.05	58.36%
140,000	\$ 771.85	\$ 1,222.90	\$ 451.05	58.44%
150,000	\$ 825.60	\$ 1,308.65	\$ 483.05	58.51%
160,000	\$ 879.35	\$ 1,394.40	\$ 515.05	58.57%
170,000	\$ 933.10	\$ 1,480.15	\$ 547.05	58.63%
180,000	\$ 986.85	\$ 1,565.90	\$ 579.05	58.68%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 1 - ROBIN HOOD LAKES  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE AMOUNT (4)	INCREASE PERCENT (5)
	PRESENT RATES* (2)	PROPOSED RATES (3)		
0	\$ 19.35	\$ 22.40	\$ 3.05	15.76%
1,000	\$ 28.60	\$ 35.89	\$ 7.30	25.51%
2,000	\$ 37.84	\$ 49.38	\$ 11.54	30.50%
3,000	\$ 47.09	\$ 65.35	\$ 18.27	38.79%
3,700	\$ 53.56	\$ 76.53	\$ 22.97	42.90%
4,000	\$ 56.33	\$ 81.32	\$ 24.99	44.37%
5,000	\$ 65.58	\$ 97.29	\$ 31.72	48.37%
6,000	\$ 74.82	\$ 113.26	\$ 38.44	51.38%
7,000	\$ 84.07	\$ 129.24	\$ 45.17	53.73%
8,000	\$ 93.31	\$ 145.21	\$ 51.90	55.62%
9,000	\$ 102.56	\$ 161.18	\$ 58.62	57.16%
10,000	\$ 111.80	\$ 177.15	\$ 65.35	58.45%
11,000	\$ 121.05	\$ 193.12	\$ 72.07	59.54%
12,000	\$ 130.29	\$ 209.09	\$ 78.80	60.48%
13,000	\$ 139.54	\$ 225.06	\$ 85.53	61.29%
14,000	\$ 148.78	\$ 241.03	\$ 92.25	62.01%
15,000	\$ 158.03	\$ 257.00	\$ 98.98	62.63%
16,000	\$ 167.27	\$ 272.97	\$ 105.70	63.19%
17,000	\$ 176.52	\$ 288.95	\$ 112.43	63.69%
18,000	\$ 185.76	\$ 304.92	\$ 119.16	64.15%
19,000	\$ 195.01	\$ 320.89	\$ 125.88	64.55%
20,000	\$ 204.25	\$ 336.86	\$ 132.61	64.92%
25,000	\$ 250.48	\$ 416.71	\$ 166.24	66.37%
30,000	\$ 296.70	\$ 496.57	\$ 199.87	67.36%
35,000	\$ 342.93	\$ 576.42	\$ 233.50	68.09%
40,000	\$ 389.15	\$ 656.28	\$ 267.13	68.64%
45,000	\$ 435.38	\$ 736.13	\$ 300.76	69.08%
50,000	\$ 481.60	\$ 815.99	\$ 334.39	69.43%
60,000	\$ 574.05	\$ 975.70	\$ 401.65	69.97%
70,000	\$ 666.50	\$ 1,135.41	\$ 468.91	70.35%
80,000	\$ 758.95	\$ 1,295.12	\$ 536.17	70.65%
90,000	\$ 851.40	\$ 1,454.83	\$ 603.43	70.87%
100,000	\$ 943.85	\$ 1,614.54	\$ 670.69	71.06%
110,000	\$ 1,036.30	\$ 1,774.25	\$ 737.95	71.21%
120,000	\$ 1,128.75	\$ 1,933.96	\$ 805.21	71.34%
130,000	\$ 1,221.20	\$ 2,093.67	\$ 872.47	71.44%
140,000	\$ 1,313.65	\$ 2,253.38	\$ 939.73	71.54%
150,000	\$ 1,406.10	\$ 2,413.09	\$ 1,006.99	71.62%
160,000	\$ 1,498.55	\$ 2,572.80	\$ 1,074.25	71.69%
170,000	\$ 1,591.00	\$ 2,732.51	\$ 1,141.51	71.75%
180,000	\$ 1,683.45	\$ 2,892.22	\$ 1,208.77	71.80%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 1 - MIFFLIN TOWNSHIP DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE AMOUNT (4)	INCREASE PERCENT (5)
	PRESENT RATES* (2)	PROPOSED RATES (3)		
0	\$ 19.35	\$ 22.40	\$ 3.05	15.76%
1,000	\$ 27.95	\$ 35.89	\$ 7.94	28.41%
2,000	\$ 36.55	\$ 49.38	\$ 12.83	35.10%
3,000	\$ 45.15	\$ 65.35	\$ 20.20	44.74%
3,700	\$ 51.17	\$ 76.53	\$ 25.36	49.56%
4,000	\$ 53.75	\$ 81.32	\$ 27.57	51.30%
5,000	\$ 62.35	\$ 97.29	\$ 34.94	56.04%
6,000	\$ 70.95	\$ 113.26	\$ 42.31	59.64%
7,000	\$ 79.55	\$ 129.24	\$ 49.69	62.46%
8,000	\$ 88.15	\$ 145.21	\$ 57.06	64.73%
9,000	\$ 96.75	\$ 161.18	\$ 64.43	66.59%
10,000	\$ 105.35	\$ 177.15	\$ 71.80	68.15%
11,000	\$ 113.95	\$ 193.12	\$ 79.17	69.48%
12,000	\$ 122.55	\$ 209.09	\$ 86.54	70.62%
13,000	\$ 131.15	\$ 225.06	\$ 93.91	71.61%
14,000	\$ 139.75	\$ 241.03	\$ 101.28	72.47%
15,000	\$ 148.35	\$ 257.00	\$ 108.65	73.24%
16,000	\$ 156.95	\$ 272.97	\$ 116.02	73.92%
17,000	\$ 165.55	\$ 288.95	\$ 123.40	74.54%
18,000	\$ 174.15	\$ 304.92	\$ 130.77	75.09%
19,000	\$ 182.75	\$ 320.89	\$ 138.14	75.59%
20,000	\$ 191.35	\$ 336.86	\$ 145.51	76.04%
25,000	\$ 234.35	\$ 416.71	\$ 182.36	77.82%
30,000	\$ 277.35	\$ 496.57	\$ 219.22	79.04%
35,000	\$ 320.35	\$ 576.42	\$ 256.07	79.94%
40,000	\$ 363.35	\$ 656.28	\$ 292.93	80.62%
45,000	\$ 406.35	\$ 736.13	\$ 329.78	81.16%
50,000	\$ 449.35	\$ 815.99	\$ 366.64	81.59%
60,000	\$ 535.35	\$ 975.70	\$ 440.35	82.25%
70,000	\$ 621.35	\$ 1,135.41	\$ 514.06	82.73%
80,000	\$ 707.35	\$ 1,295.12	\$ 587.77	83.09%
90,000	\$ 793.35	\$ 1,454.83	\$ 661.48	83.38%
100,000	\$ 879.35	\$ 1,614.54	\$ 735.19	83.61%
110,000	\$ 965.35	\$ 1,774.25	\$ 808.90	83.79%
120,000	\$ 1,051.35	\$ 1,933.96	\$ 882.61	83.95%
130,000	\$ 1,137.35	\$ 2,093.67	\$ 956.32	84.08%
140,000	\$ 1,223.35	\$ 2,253.38	\$ 1,030.03	84.20%
150,000	\$ 1,309.35	\$ 2,413.09	\$ 1,103.74	84.30%
160,000	\$ 1,395.35	\$ 2,572.80	\$ 1,177.45	84.38%
170,000	\$ 1,481.35	\$ 2,732.51	\$ 1,251.16	84.46%
180,000	\$ 1,567.35	\$ 2,892.22	\$ 1,324.87	84.53%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 1 - MT. JEWETT DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE AMOUNT (4)	INCREASE PERCENT (5)
	PRESENT RATES*	PROPOSED RATES		
0	\$ 19.35	\$ 22.40	\$ 3.05	15.76%
1,000	\$ 30.80	\$ 35.89	\$ 5.09	16.53%
2,000	\$ 42.25	\$ 49.38	\$ 7.13	16.89%
3,000	\$ 53.69	\$ 65.35	\$ 11.66	21.71%
3,700	\$ 61.71	\$ 76.53	\$ 14.82	24.02%
4,000	\$ 65.14	\$ 81.32	\$ 16.18	24.84%
5,000	\$ 76.59	\$ 97.29	\$ 20.70	27.03%
6,000	\$ 88.04	\$ 113.26	\$ 25.23	28.66%
7,000	\$ 99.48	\$ 129.24	\$ 29.75	29.91%
8,000	\$ 110.93	\$ 145.21	\$ 34.27	30.90%
9,000	\$ 122.38	\$ 161.18	\$ 38.80	31.70%
10,000	\$ 133.83	\$ 177.15	\$ 43.32	32.37%
11,000	\$ 145.27	\$ 193.12	\$ 47.84	32.93%
12,000	\$ 156.72	\$ 209.09	\$ 52.37	33.41%
13,000	\$ 168.17	\$ 225.06	\$ 56.89	33.83%
14,000	\$ 179.62	\$ 241.03	\$ 61.41	34.19%
15,000	\$ 191.07	\$ 257.00	\$ 65.94	34.51%
16,000	\$ 202.51	\$ 272.97	\$ 70.46	34.79%
17,000	\$ 213.96	\$ 288.95	\$ 74.98	35.05%
18,000	\$ 225.41	\$ 304.92	\$ 79.51	35.27%
19,000	\$ 236.86	\$ 320.89	\$ 84.03	35.48%
20,000	\$ 248.30	\$ 336.86	\$ 88.55	35.66%
25,000	\$ 305.54	\$ 416.71	\$ 111.17	36.38%
30,000	\$ 362.78	\$ 496.57	\$ 133.79	36.88%
35,000	\$ 420.02	\$ 576.42	\$ 156.40	37.24%
40,000	\$ 477.26	\$ 656.28	\$ 179.02	37.51%
45,000	\$ 534.50	\$ 736.13	\$ 201.64	37.72%
50,000	\$ 591.73	\$ 815.99	\$ 224.25	37.90%
60,000	\$ 706.21	\$ 975.70	\$ 269.49	38.16%
70,000	\$ 820.69	\$ 1,135.41	\$ 314.72	38.35%
80,000	\$ 935.16	\$ 1,295.12	\$ 359.95	38.49%
90,000	\$ 1,049.64	\$ 1,454.83	\$ 405.19	38.60%
100,000	\$ 1,164.12	\$ 1,614.54	\$ 450.42	38.69%
110,000	\$ 1,278.59	\$ 1,774.25	\$ 495.65	38.77%
120,000	\$ 1,393.07	\$ 1,933.96	\$ 540.89	38.83%
130,000	\$ 1,507.55	\$ 2,093.67	\$ 586.12	38.88%
140,000	\$ 1,622.02	\$ 2,253.38	\$ 631.35	38.92%
150,000	\$ 1,736.50	\$ 2,413.09	\$ 676.59	38.96%
160,000	\$ 1,850.98	\$ 2,572.80	\$ 721.82	39.00%
170,000	\$ 1,965.45	\$ 2,732.51	\$ 767.05	39.03%
180,000	\$ 2,079.93	\$ 2,892.22	\$ 812.29	39.05%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 2 - MAIN DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE AMOUNT (4)	INCREASE PERCENT (5)
	PRESENT RATES*	PROPOSED RATES		
0	\$ 19.35	\$ 22.40	\$ 3.05	15.76%
1,000	\$ 30.80	\$ 35.89	\$ 5.09	16.53%
2,000	\$ 42.25	\$ 49.38	\$ 7.13	16.89%
3,000	\$ 55.80	\$ 65.35	\$ 9.55	17.12%
3,700	\$ 65.29	\$ 76.53	\$ 11.24	17.22%
4,000	\$ 69.35	\$ 81.32	\$ 11.97	17.26%
5,000	\$ 82.91	\$ 97.29	\$ 14.39	17.35%
6,000	\$ 96.46	\$ 113.26	\$ 16.80	17.42%
7,000	\$ 110.01	\$ 129.24	\$ 19.22	17.47%
8,000	\$ 123.57	\$ 145.21	\$ 21.64	17.51%
9,000	\$ 137.12	\$ 161.18	\$ 24.06	17.54%
10,000	\$ 150.67	\$ 177.15	\$ 26.47	17.57%
11,000	\$ 164.23	\$ 193.12	\$ 28.89	17.59%
12,000	\$ 177.78	\$ 209.09	\$ 31.31	17.61%
13,000	\$ 191.33	\$ 225.06	\$ 33.73	17.63%
14,000	\$ 204.89	\$ 241.03	\$ 36.14	17.64%
15,000	\$ 218.44	\$ 257.00	\$ 38.56	17.65%
16,000	\$ 232.00	\$ 272.97	\$ 40.98	17.66%
17,000	\$ 245.55	\$ 288.95	\$ 43.40	17.67%
18,000	\$ 259.10	\$ 304.92	\$ 45.81	17.68%
19,000	\$ 272.66	\$ 320.89	\$ 48.23	17.69%
20,000	\$ 286.21	\$ 336.86	\$ 50.65	17.70%
25,000	\$ 353.98	\$ 416.71	\$ 62.73	17.72%
30,000	\$ 421.75	\$ 496.57	\$ 74.82	17.74%
35,000	\$ 489.51	\$ 576.42	\$ 86.91	17.75%
40,000	\$ 557.28	\$ 656.28	\$ 99.00	17.76%
45,000	\$ 625.05	\$ 736.13	\$ 111.08	17.77%
50,000	\$ 692.82	\$ 815.99	\$ 123.17	17.78%
60,000	\$ 828.35	\$ 975.70	\$ 147.34	17.79%
70,000	\$ 963.89	\$ 1,135.41	\$ 171.52	17.79%
80,000	\$ 1,099.43	\$ 1,295.12	\$ 195.69	17.80%
90,000	\$ 1,234.96	\$ 1,454.83	\$ 219.87	17.80%
100,000	\$ 1,370.50	\$ 1,614.54	\$ 244.04	17.81%
110,000	\$ 1,506.03	\$ 1,774.25	\$ 268.21	17.81%
120,000	\$ 1,641.57	\$ 1,933.96	\$ 292.39	17.81%
130,000	\$ 1,777.11	\$ 2,093.67	\$ 316.56	17.81%
140,000	\$ 1,912.64	\$ 2,253.38	\$ 340.74	17.81%
150,000	\$ 2,048.18	\$ 2,413.09	\$ 364.91	17.82%
160,000	\$ 2,183.71	\$ 2,572.80	\$ 389.08	17.82%
170,000	\$ 2,319.25	\$ 2,732.51	\$ 413.26	17.82%
180,000	\$ 2,454.79	\$ 2,892.22	\$ 437.43	17.82%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 2 - MAIN DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
COMMERCIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES* (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$ 19.35	\$ 22.40	\$ 3.05	15.76%
1,000	\$ 32.14	\$ 37.21	\$ 5.07	15.78%
2,000	\$ 44.94	\$ 52.03	\$ 7.09	15.79%
5,000	\$ 83.31	\$ 96.47	\$ 13.16	15.79%
6,000	\$ 96.11	\$ 111.28	\$ 15.18	15.79%
7,000	\$ 108.90	\$ 126.10	\$ 17.20	15.80%
8,000	\$ 121.69	\$ 140.91	\$ 19.22	15.80%
9,000	\$ 134.48	\$ 155.73	\$ 21.24	15.80%
10,000	\$ 147.28	\$ 170.54	\$ 23.27	15.80%
11,000	\$ 158.51	\$ 183.56	\$ 25.04	15.80%
12,000	\$ 169.75	\$ 196.57	\$ 26.82	15.80%
13,000	\$ 180.99	\$ 209.59	\$ 28.59	15.80%
14,000	\$ 192.23	\$ 222.60	\$ 30.37	15.80%
15,000	\$ 203.47	\$ 235.62	\$ 32.14	15.80%
20,000	\$ 259.67	\$ 300.69	\$ 41.02	15.80%
25,000	\$ 315.86	\$ 365.77	\$ 49.90	15.80%
30,000	\$ 372.06	\$ 430.84	\$ 58.78	15.80%
35,000	\$ 425.00	\$ 492.15	\$ 67.15	15.80%
40,000	\$ 471.61	\$ 546.14	\$ 74.52	15.80%
45,000	\$ 518.23	\$ 600.13	\$ 81.89	15.80%
50,000	\$ 564.85	\$ 654.12	\$ 89.27	15.80%
60,000	\$ 658.08	\$ 762.10	\$ 104.01	15.81%
70,000	\$ 751.32	\$ 870.08	\$ 118.76	15.81%
80,000	\$ 844.55	\$ 978.06	\$ 133.50	15.81%
90,000	\$ 937.79	\$ 1,086.04	\$ 148.25	15.81%
100,000	\$ 1,031.02	\$ 1,194.02	\$ 162.99	15.81%
110,000	\$ 1,124.26	\$ 1,302.00	\$ 177.74	15.81%
120,000	\$ 1,217.49	\$ 1,409.98	\$ 192.48	15.81%
130,000	\$ 1,310.73	\$ 1,517.96	\$ 207.23	15.81%
140,000	\$ 1,403.96	\$ 1,625.94	\$ 221.97	15.81%
150,000	\$ 1,497.20	\$ 1,733.92	\$ 236.72	15.81%
160,000	\$ 1,590.43	\$ 1,841.90	\$ 251.47	15.81%
170,000	\$ 1,683.67	\$ 1,949.88	\$ 266.21	15.81%
180,000	\$ 1,776.90	\$ 2,057.86	\$ 280.96	15.81%
190,000	\$ 1,870.14	\$ 2,165.84	\$ 295.70	15.81%
200,000	\$ 1,963.37	\$ 2,273.82	\$ 310.45	15.81%
210,000	\$ 2,056.60	\$ 2,381.80	\$ 325.19	15.81%
220,000	\$ 2,149.84	\$ 2,489.78	\$ 339.94	15.81%
230,000	\$ 2,243.07	\$ 2,597.76	\$ 354.68	15.81%
240,000	\$ 2,336.31	\$ 2,705.74	\$ 369.43	15.81%
250,000	\$ 2,429.54	\$ 2,813.72	\$ 384.17	15.81%
260,000	\$ 2,522.78	\$ 2,921.70	\$ 398.92	15.81%
270,000	\$ 2,616.01	\$ 3,029.68	\$ 413.66	15.81%
280,000	\$ 2,709.25	\$ 3,137.66	\$ 428.41	15.81%
290,000	\$ 2,802.48	\$ 3,245.64	\$ 443.15	15.81%
300,000	\$ 2,895.72	\$ 3,353.62	\$ 457.90	15.81%
310,000	\$ 2,988.95	\$ 3,461.60	\$ 472.64	15.81%
320,000	\$ 3,082.19	\$ 3,569.58	\$ 487.39	15.81%
330,000	\$ 3,175.42	\$ 3,677.56	\$ 502.13	15.81%
340,000	\$ 3,263.13	\$ 3,779.13	\$ 516.01	15.81%
350,000	\$ 3,348.46	\$ 3,877.96	\$ 529.50	15.81%
360,000	\$ 3,433.79	\$ 3,976.79	\$ 543.00	15.81%
370,000	\$ 3,519.13	\$ 4,075.62	\$ 556.50	15.81%
380,000	\$ 3,604.46	\$ 4,174.45	\$ 569.99	15.81%
390,000	\$ 3,689.79	\$ 4,273.28	\$ 583.49	15.81%
400,000	\$ 3,775.13	\$ 4,372.11	\$ 596.98	15.81%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 2 - MAIN DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
INDUSTRIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS	BILLS UNDER			INCREASE	
	PRESENT RATES*	PROPOSED RATES		AMOUNT	PERCENT
(1)	(2)	(3)	(4)	(5)	
0	\$ 19.35	\$ 22.40	\$ 3.05	15.76%	
1,000	\$ 32.14	\$ 37.21	\$ 5.07	15.78%	
2,000	\$ 44.94	\$ 52.03	\$ 7.09	15.79%	
3,000	\$ 57.73	\$ 66.84	\$ 9.11	15.79%	
4,000	\$ 70.52	\$ 81.66	\$ 11.14	15.79%	
4,080	\$ 71.54	\$ 82.84	\$ 11.30	15.79%	
5,000	\$ 83.31	\$ 96.47	\$ 13.16	15.79%	
6,000	\$ 96.11	\$ 111.28	\$ 15.18	15.79%	
7,000	\$ 108.90	\$ 126.10	\$ 17.20	15.80%	
8,000	\$ 121.69	\$ 140.91	\$ 19.22	15.80%	
9,000	\$ 134.48	\$ 155.73	\$ 21.24	15.80%	
10,000	\$ 147.28	\$ 170.54	\$ 23.27	15.80%	
11,000	\$ 158.51	\$ 183.56	\$ 25.04	15.80%	
12,000	\$ 169.75	\$ 196.57	\$ 26.82	15.80%	
13,000	\$ 180.99	\$ 209.59	\$ 28.59	15.80%	
14,000	\$ 192.23	\$ 222.60	\$ 30.37	15.80%	
15,000	\$ 203.47	\$ 235.62	\$ 32.14	15.80%	
16,000	\$ 214.71	\$ 248.63	\$ 33.92	15.80%	
17,000	\$ 225.95	\$ 261.65	\$ 35.70	15.80%	
18,000	\$ 237.19	\$ 274.66	\$ 37.47	15.80%	
19,000	\$ 248.43	\$ 287.68	\$ 39.25	15.80%	
20,000	\$ 259.67	\$ 300.69	\$ 41.02	15.80%	
25,000	\$ 315.86	\$ 365.77	\$ 49.90	15.80%	
30,000	\$ 372.06	\$ 430.84	\$ 58.78	15.80%	
35,000	\$ 425.00	\$ 492.15	\$ 67.15	15.80%	
40,000	\$ 471.61	\$ 546.14	\$ 74.52	15.80%	
100,000	\$ 1,031.02	\$ 1,194.02	\$ 162.99	15.81%	
200,000	\$ 1,963.37	\$ 2,273.82	\$ 310.45	15.81%	
300,000	\$ 2,895.72	\$ 3,353.62	\$ 457.90	15.81%	
400,000	\$ 3,775.13	\$ 4,372.11	\$ 596.98	15.81%	
500,000	\$ 4,628.46	\$ 5,360.41	\$ 731.95	15.81%	
700,000	\$ 6,335.13	\$ 7,337.01	\$ 1,001.88	15.81%	
1,000,000	\$ 8,895.14	\$ 10,301.91	\$ 1,406.77	15.82%	
2,000,000	\$ 17,428.49	\$ 20,184.91	\$ 2,756.42	15.82%	
3,000,000	\$ 25,961.84	\$ 30,067.91	\$ 4,106.07	15.82%	
4,000,000	\$ 34,148.86	\$ 39,939.57	\$ 5,790.71	16.96%	
5,000,000	\$ 42,162.99	\$ 49,805.57	\$ 7,642.58	18.13%	
5,970,000	\$ 49,936.69	\$ 59,375.59	\$ 9,438.90	18.90%	
5,980,000	\$ 50,016.83	\$ 59,474.25	\$ 9,457.42	18.91%	
5,990,000	\$ 50,096.97	\$ 59,572.91	\$ 9,475.94	18.92%	
6,000,000	\$ 50,177.11	\$ 59,671.57	\$ 9,494.46	18.92%	
7,000,000	\$ 58,191.24	\$ 69,537.57	\$ 11,346.33	19.50%	
8,000,000	\$ 66,205.36	\$ 79,403.57	\$ 13,198.21	19.94%	
9,000,000	\$ 74,219.49	\$ 89,269.57	\$ 15,050.08	20.28%	
10,000,000	\$ 82,233.61	\$ 99,135.57	\$ 16,901.96	20.55%	
11,000,000	\$ 88,643.84	\$ 107,027.57	\$ 18,383.73	20.74%	

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 2 - MAIN DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
PUBLIC - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES* (2)	PROPOSED RATES (3)		AMOUNT (4)	PERCENT (5)
0	\$ 19.35	\$ 22.40		\$ 3.05	15.76%
1,000	\$ 32.14	\$ 37.21		\$ 5.07	15.78%
2,000	\$ 44.94	\$ 52.03		\$ 7.09	15.79%
5,000	\$ 83.31	\$ 96.47		\$ 13.16	15.79%
6,000	\$ 96.11	\$ 111.28		\$ 15.18	15.79%
7,000	\$ 108.90	\$ 126.10		\$ 17.20	15.80%
8,000	\$ 121.69	\$ 140.91		\$ 19.22	15.80%
9,000	\$ 134.48	\$ 155.73		\$ 21.24	15.80%
10,000	\$ 147.28	\$ 170.54		\$ 23.27	15.80%
11,000	\$ 158.51	\$ 183.56		\$ 25.04	15.80%
12,000	\$ 169.75	\$ 196.57		\$ 26.82	15.80%
13,000	\$ 180.99	\$ 209.59		\$ 28.59	15.80%
14,000	\$ 192.23	\$ 222.60		\$ 30.37	15.80%
15,000	\$ 203.47	\$ 235.62		\$ 32.14	15.80%
16,000	\$ 214.71	\$ 248.63		\$ 33.92	15.80%
17,000	\$ 225.95	\$ 261.65		\$ 35.70	15.80%
18,000	\$ 237.19	\$ 274.66		\$ 37.47	15.80%
19,000	\$ 248.43	\$ 287.68		\$ 39.25	15.80%
20,000	\$ 259.67	\$ 300.69		\$ 41.02	15.80%
25,000	\$ 315.86	\$ 365.77		\$ 49.90	15.80%
30,000	\$ 372.06	\$ 430.84		\$ 58.78	15.80%
35,000	\$ 424.81	\$ 491.94		\$ 67.12	15.80%
40,000	\$ 470.89	\$ 545.31		\$ 74.41	15.80%
45,000	\$ 516.97	\$ 598.68		\$ 81.70	15.80%
50,000	\$ 563.05	\$ 652.05		\$ 88.99	15.81%
60,000	\$ 655.21	\$ 758.79		\$ 103.57	15.81%
70,000	\$ 747.37	\$ 865.53		\$ 118.15	15.81%
80,000	\$ 839.53	\$ 972.27		\$ 132.73	15.81%
90,000	\$ 931.69	\$ 1,079.01		\$ 147.31	15.81%
100,000	\$ 1,023.85	\$ 1,185.75		\$ 161.89	15.81%
110,000	\$ 1,116.01	\$ 1,292.49		\$ 176.47	15.81%
120,000	\$ 1,208.17	\$ 1,399.23		\$ 191.05	15.81%
130,000	\$ 1,300.33	\$ 1,505.97		\$ 205.63	15.81%
140,000	\$ 1,392.49	\$ 1,612.71		\$ 220.21	15.81%
150,000	\$ 1,484.65	\$ 1,719.45		\$ 234.79	15.81%
160,000	\$ 1,576.81	\$ 1,826.19		\$ 249.37	15.82%
170,000	\$ 1,668.97	\$ 1,932.93		\$ 263.95	15.82%
180,000	\$ 1,761.13	\$ 2,039.67		\$ 278.54	15.82%
190,000	\$ 1,853.29	\$ 2,146.41		\$ 293.12	15.82%
200,000	\$ 1,945.45	\$ 2,253.15		\$ 307.70	15.82%
210,000	\$ 2,037.61	\$ 2,359.89		\$ 322.28	15.82%
220,000	\$ 2,129.77	\$ 2,466.63		\$ 336.86	15.82%
230,000	\$ 2,221.93	\$ 2,573.37		\$ 351.44	15.82%
240,000	\$ 2,314.09	\$ 2,680.11		\$ 366.02	15.82%
250,000	\$ 2,406.25	\$ 2,786.85		\$ 380.60	15.82%
260,000	\$ 2,498.41	\$ 2,893.59		\$ 395.18	15.82%
270,000	\$ 2,590.57	\$ 3,000.33		\$ 409.76	15.82%
280,000	\$ 2,682.73	\$ 3,107.07		\$ 424.34	15.82%
290,000	\$ 2,774.89	\$ 3,213.81		\$ 438.92	15.82%
300,000	\$ 2,867.05	\$ 3,320.55		\$ 453.50	15.82%
310,000	\$ 2,959.21	\$ 3,427.29		\$ 468.08	15.82%
320,000	\$ 3,051.37	\$ 3,534.03		\$ 482.66	15.82%
330,000	\$ 3,143.53	\$ 3,640.77		\$ 497.24	15.82%
340,000	\$ 3,230.22	\$ 3,741.17		\$ 510.95	15.82%
350,000	\$ 3,314.58	\$ 3,838.86		\$ 524.28	15.82%
360,000	\$ 3,398.93	\$ 3,936.55		\$ 537.62	15.82%
370,000	\$ 3,483.29	\$ 4,034.24		\$ 550.95	15.82%
380,000	\$ 3,567.64	\$ 4,131.93		\$ 564.29	15.82%
390,000	\$ 3,652.00	\$ 4,229.62		\$ 577.62	15.82%
400,000	\$ 3,736.35	\$ 4,327.31		\$ 590.96	15.82%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 2 - CHALFONT DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE AMOUNT (4)	INCREASE PERCENT (5)
	PRESENT RATES*	PROPOSED RATES		
0	\$ 19.35	\$ 22.40	\$ 3.05	15.76%
1,000	\$ 30.80	\$ 35.89	\$ 5.09	16.53%
2,000	\$ 42.25	\$ 49.38	\$ 7.13	16.89%
3,000	\$ 53.69	\$ 65.35	\$ 11.66	21.71%
3,700	\$ 61.71	\$ 76.53	\$ 14.82	24.02%
4,000	\$ 65.14	\$ 81.32	\$ 16.18	24.84%
5,000	\$ 76.59	\$ 97.29	\$ 20.70	27.03%
6,000	\$ 88.04	\$ 113.26	\$ 25.23	28.66%
7,000	\$ 99.48	\$ 129.24	\$ 29.75	29.91%
8,000	\$ 110.93	\$ 145.21	\$ 34.27	30.90%
9,000	\$ 122.38	\$ 161.18	\$ 38.80	31.70%
10,000	\$ 133.83	\$ 177.15	\$ 43.32	32.37%
11,000	\$ 145.27	\$ 193.12	\$ 47.84	32.93%
12,000	\$ 156.72	\$ 209.09	\$ 52.37	33.41%
13,000	\$ 168.17	\$ 225.06	\$ 56.89	33.83%
14,000	\$ 179.62	\$ 241.03	\$ 61.41	34.19%
15,000	\$ 191.07	\$ 257.00	\$ 65.94	34.51%
16,000	\$ 202.51	\$ 272.97	\$ 70.46	34.79%
17,000	\$ 213.96	\$ 288.95	\$ 74.98	35.05%
18,000	\$ 225.41	\$ 304.92	\$ 79.51	35.27%
19,000	\$ 236.86	\$ 320.89	\$ 84.03	35.48%
20,000	\$ 248.30	\$ 336.86	\$ 88.55	35.66%
25,000	\$ 305.54	\$ 416.71	\$ 111.17	36.38%
30,000	\$ 362.78	\$ 496.57	\$ 133.79	36.88%
35,000	\$ 420.02	\$ 576.42	\$ 156.40	37.24%
40,000	\$ 477.26	\$ 656.28	\$ 179.02	37.51%
45,000	\$ 534.50	\$ 736.13	\$ 201.64	37.72%
50,000	\$ 591.73	\$ 815.99	\$ 224.25	37.90%
60,000	\$ 706.21	\$ 975.70	\$ 269.49	38.16%
70,000	\$ 820.69	\$ 1,135.41	\$ 314.72	38.35%
80,000	\$ 935.16	\$ 1,295.12	\$ 359.95	38.49%
90,000	\$ 1,049.64	\$ 1,454.83	\$ 405.19	38.60%
100,000	\$ 1,164.12	\$ 1,614.54	\$ 450.42	38.69%
110,000	\$ 1,278.59	\$ 1,774.25	\$ 495.65	38.77%
120,000	\$ 1,393.07	\$ 1,933.96	\$ 540.89	38.83%
130,000	\$ 1,507.55	\$ 2,093.67	\$ 586.12	38.88%
140,000	\$ 1,622.02	\$ 2,253.38	\$ 631.35	38.92%
150,000	\$ 1,736.50	\$ 2,413.09	\$ 676.59	38.96%
160,000	\$ 1,850.98	\$ 2,572.80	\$ 721.82	39.00%
170,000	\$ 1,965.45	\$ 2,732.51	\$ 767.05	39.03%
180,000	\$ 2,079.93	\$ 2,892.22	\$ 812.29	39.05%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 2 - CONCORD PARK DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE AMOUNT (4)	INCREASE PERCENT (5)
	PRESENT RATES*	PROPOSED RATES		
0	\$ 19.35	\$ 22.40	\$ 3.05	15.76%
1,000	\$ 26.18	\$ 32.97	\$ 6.79	25.94%
2,000	\$ 33.00	\$ 43.53	\$ 10.53	31.91%
3,000	\$ 39.83	\$ 54.10	\$ 14.27	35.83%
3,700	\$ 44.61	\$ 61.49	\$ 16.89	37.86%
4,000	\$ 46.66	\$ 64.66	\$ 18.01	38.60%
5,000	\$ 53.48	\$ 75.23	\$ 21.75	40.67%
6,000	\$ 60.31	\$ 85.80	\$ 25.49	42.26%
7,000	\$ 67.13	\$ 96.36	\$ 29.23	43.54%
8,000	\$ 73.96	\$ 106.93	\$ 32.97	44.58%
9,000	\$ 80.79	\$ 117.49	\$ 36.71	45.44%
10,000	\$ 87.61	\$ 128.06	\$ 40.45	46.17%
11,000	\$ 94.44	\$ 138.63	\$ 44.19	46.79%
12,000	\$ 101.27	\$ 149.19	\$ 47.93	47.33%
13,000	\$ 108.09	\$ 159.76	\$ 51.67	47.80%
14,000	\$ 114.92	\$ 170.32	\$ 55.41	48.21%
15,000	\$ 121.74	\$ 180.89	\$ 59.15	48.58%
16,000	\$ 128.57	\$ 191.46	\$ 62.89	48.91%
17,000	\$ 135.40	\$ 202.02	\$ 66.63	49.21%
18,000	\$ 142.22	\$ 212.59	\$ 70.37	49.48%
19,000	\$ 149.05	\$ 223.15	\$ 74.11	49.72%
20,000	\$ 155.88	\$ 233.72	\$ 77.85	49.94%
25,000	\$ 190.01	\$ 286.55	\$ 96.54	50.81%
30,000	\$ 224.14	\$ 339.38	\$ 115.24	51.42%
35,000	\$ 258.27	\$ 392.21	\$ 133.94	51.86%
40,000	\$ 292.40	\$ 445.04	\$ 152.64	52.20%
45,000	\$ 326.53	\$ 497.87	\$ 171.34	52.47%
50,000	\$ 360.66	\$ 550.70	\$ 190.04	52.69%
60,000	\$ 428.93	\$ 656.36	\$ 227.44	53.02%
70,000	\$ 497.19	\$ 762.02	\$ 264.83	53.27%
80,000	\$ 565.45	\$ 867.68	\$ 302.23	53.45%
90,000	\$ 633.71	\$ 973.34	\$ 339.63	53.59%
100,000	\$ 701.98	\$ 1,079.00	\$ 377.03	53.71%
110,000	\$ 770.24	\$ 1,184.66	\$ 414.42	53.80%
120,000	\$ 838.50	\$ 1,290.32	\$ 451.82	53.88%
130,000	\$ 906.76	\$ 1,395.98	\$ 489.22	53.95%
140,000	\$ 975.03	\$ 1,501.64	\$ 526.62	54.01%
150,000	\$ 1,043.29	\$ 1,607.30	\$ 564.01	54.06%
160,000	\$ 1,111.55	\$ 1,712.96	\$ 601.41	54.11%
170,000	\$ 1,179.81	\$ 1,818.62	\$ 638.81	54.14%
180,000	\$ 1,248.08	\$ 1,924.28	\$ 676.21	54.18%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 2 - TREASURE LAKE DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE AMOUNT (4)	INCREASE PERCENT (5)
	PRESENT RATES* (2)	PROPOSED RATES (3)		
0	\$ 19.35	\$ 22.40	\$ 3.05	15.76%
1,000	\$ 25.19	\$ 31.60	\$ 6.42	25.48%
2,000	\$ 31.02	\$ 40.81	\$ 9.78	31.53%
3,000	\$ 36.86	\$ 50.01	\$ 13.15	35.67%
3,700	\$ 40.95	\$ 56.45	\$ 15.51	37.87%
4,000	\$ 42.70	\$ 59.22	\$ 16.52	38.68%
5,000	\$ 48.54	\$ 68.42	\$ 19.88	40.97%
6,000	\$ 54.37	\$ 77.62	\$ 23.25	42.76%
7,000	\$ 60.21	\$ 86.83	\$ 26.62	44.21%
8,000	\$ 66.05	\$ 96.03	\$ 29.98	45.40%
9,000	\$ 71.89	\$ 105.24	\$ 33.35	46.39%
10,000	\$ 77.72	\$ 114.44	\$ 36.72	47.24%
11,000	\$ 83.56	\$ 123.64	\$ 40.08	47.97%
12,000	\$ 89.40	\$ 132.85	\$ 43.45	48.60%
13,000	\$ 95.23	\$ 142.05	\$ 46.82	49.16%
14,000	\$ 101.07	\$ 151.26	\$ 50.18	49.65%
15,000	\$ 106.91	\$ 160.46	\$ 53.55	50.09%
16,000	\$ 112.75	\$ 169.66	\$ 56.92	50.48%
17,000	\$ 118.58	\$ 178.87	\$ 60.28	50.84%
18,000	\$ 124.42	\$ 188.07	\$ 63.65	51.16%
19,000	\$ 130.26	\$ 197.28	\$ 67.02	51.45%
20,000	\$ 136.10	\$ 206.48	\$ 70.39	51.72%
25,000	\$ 165.28	\$ 252.50	\$ 87.22	52.77%
30,000	\$ 194.47	\$ 298.52	\$ 104.05	53.51%
35,000	\$ 223.65	\$ 344.54	\$ 120.89	54.05%
40,000	\$ 252.84	\$ 390.56	\$ 137.72	54.47%
45,000	\$ 282.03	\$ 436.58	\$ 154.55	54.80%
50,000	\$ 311.21	\$ 482.60	\$ 171.39	55.07%
60,000	\$ 369.59	\$ 574.64	\$ 205.06	55.48%
70,000	\$ 427.96	\$ 666.68	\$ 238.72	55.78%
80,000	\$ 486.33	\$ 758.72	\$ 272.39	56.01%
90,000	\$ 544.70	\$ 850.76	\$ 306.06	56.19%
100,000	\$ 603.08	\$ 942.80	\$ 339.73	56.33%
110,000	\$ 661.45	\$ 1,034.84	\$ 373.39	56.45%
120,000	\$ 719.82	\$ 1,126.88	\$ 407.06	56.55%
130,000	\$ 778.19	\$ 1,218.92	\$ 440.73	56.63%
140,000	\$ 836.57	\$ 1,310.96	\$ 474.40	56.71%
150,000	\$ 894.94	\$ 1,403.00	\$ 508.06	56.77%
160,000	\$ 953.31	\$ 1,495.04	\$ 541.73	56.83%
170,000	\$ 1,011.68	\$ 1,587.08	\$ 575.40	56.88%
180,000	\$ 1,070.06	\$ 1,679.12	\$ 609.07	56.92%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 3 - MAIN DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE AMOUNT (4)	INCREASE PERCENT (5)
	PRESENT RATES*	PROPOSED RATES		
0	\$ 30.10	\$ 32.40	\$ 2.30	7.64%
1,000	\$ 39.91	\$ 44.63	\$ 4.72	11.82%
2,000	\$ 49.73	\$ 56.86	\$ 7.14	14.35%
3,000	\$ 59.54	\$ 69.09	\$ 9.56	16.05%
3,700	\$ 65.28	\$ 76.53	\$ 11.25	17.23%
4,000	\$ 69.35	\$ 81.32	\$ 11.97	17.27%
5,000	\$ 82.90	\$ 97.30	\$ 14.39	17.36%
6,000	\$ 96.46	\$ 113.27	\$ 16.81	17.43%
7,000	\$ 110.01	\$ 129.24	\$ 19.23	17.48%
8,000	\$ 123.56	\$ 145.21	\$ 21.64	17.52%
9,000	\$ 137.12	\$ 161.18	\$ 24.06	17.55%
10,000	\$ 150.67	\$ 177.15	\$ 26.48	17.57%
11,000	\$ 164.23	\$ 193.12	\$ 28.90	17.59%
12,000	\$ 177.78	\$ 209.09	\$ 31.31	17.61%
13,000	\$ 191.33	\$ 225.06	\$ 33.73	17.63%
14,000	\$ 204.89	\$ 241.03	\$ 36.15	17.64%
15,000	\$ 218.44	\$ 257.01	\$ 38.57	17.65%
16,000	\$ 231.99	\$ 272.98	\$ 40.98	17.67%
17,000	\$ 245.55	\$ 288.95	\$ 43.40	17.67%
18,000	\$ 259.10	\$ 304.92	\$ 45.82	17.68%
19,000	\$ 272.65	\$ 320.89	\$ 48.23	17.69%
20,000	\$ 286.21	\$ 336.86	\$ 50.65	17.70%
25,000	\$ 353.98	\$ 416.72	\$ 62.74	17.72%
30,000	\$ 421.74	\$ 496.57	\$ 74.83	17.74%
35,000	\$ 489.51	\$ 576.43	\$ 86.91	17.76%
40,000	\$ 557.28	\$ 656.28	\$ 99.00	17.76%
45,000	\$ 625.05	\$ 736.14	\$ 111.09	17.77%
50,000	\$ 692.82	\$ 815.99	\$ 123.17	17.78%
60,000	\$ 828.35	\$ 975.70	\$ 147.35	17.79%
70,000	\$ 963.89	\$ 1,135.41	\$ 171.52	17.79%
80,000	\$ 1,099.42	\$ 1,295.12	\$ 195.70	17.80%
90,000	\$ 1,234.96	\$ 1,454.83	\$ 219.87	17.80%
100,000	\$ 1,370.50	\$ 1,614.54	\$ 244.04	17.81%
110,000	\$ 1,506.03	\$ 1,774.25	\$ 268.22	17.81%
120,000	\$ 1,641.57	\$ 1,933.96	\$ 292.39	17.81%
130,000	\$ 1,777.10	\$ 2,093.67	\$ 316.57	17.81%
140,000	\$ 1,912.64	\$ 2,253.38	\$ 340.74	17.82%
150,000	\$ 2,048.18	\$ 2,413.09	\$ 364.91	17.82%
160,000	\$ 2,183.71	\$ 2,572.80	\$ 389.09	17.82%
170,000	\$ 2,319.25	\$ 2,732.51	\$ 413.26	17.82%
180,000	\$ 2,454.78	\$ 2,892.22	\$ 437.44	17.82%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 3 - MAIN DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
COMMERCIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES* (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$ 30.10	\$ 32.40	\$ 2.30	7.64%
1,000	\$ 42.89	\$ 47.21	\$ 4.32	10.08%
2,000	\$ 55.69	\$ 62.03	\$ 6.34	11.39%
5,000	\$ 94.06	\$ 106.47	\$ 12.41	13.19%
6,000	\$ 106.86	\$ 121.28	\$ 14.43	13.50%
7,000	\$ 119.65	\$ 136.10	\$ 16.45	13.75%
8,000	\$ 132.44	\$ 150.91	\$ 18.47	13.95%
9,000	\$ 145.23	\$ 165.73	\$ 20.49	14.11%
10,000	\$ 158.03	\$ 180.54	\$ 22.52	14.25%
11,000	\$ 169.26	\$ 193.56	\$ 24.29	14.35%
12,000	\$ 180.50	\$ 206.57	\$ 26.07	14.44%
13,000	\$ 191.74	\$ 219.59	\$ 27.84	14.52%
14,000	\$ 202.98	\$ 232.60	\$ 29.62	14.59%
15,000	\$ 214.22	\$ 245.62	\$ 31.39	14.66%
20,000	\$ 270.42	\$ 310.69	\$ 40.27	14.89%
25,000	\$ 326.61	\$ 375.77	\$ 49.15	15.05%
30,000	\$ 382.81	\$ 440.84	\$ 58.03	15.16%
35,000	\$ 435.75	\$ 502.15	\$ 66.40	15.24%
40,000	\$ 482.36	\$ 556.14	\$ 73.77	15.29%
45,000	\$ 528.98	\$ 610.13	\$ 81.14	15.34%
50,000	\$ 575.60	\$ 664.12	\$ 88.52	15.38%
60,000	\$ 668.83	\$ 772.10	\$ 103.26	15.44%
70,000	\$ 762.07	\$ 880.08	\$ 118.01	15.49%
80,000	\$ 855.30	\$ 988.06	\$ 132.75	15.52%
90,000	\$ 948.54	\$ 1,096.04	\$ 147.50	15.55%
100,000	\$ 1,041.77	\$ 1,204.02	\$ 162.24	15.57%
110,000	\$ 1,135.01	\$ 1,312.00	\$ 176.99	15.59%
120,000	\$ 1,228.24	\$ 1,419.98	\$ 191.73	15.61%
130,000	\$ 1,321.48	\$ 1,527.96	\$ 206.48	15.62%
140,000	\$ 1,414.71	\$ 1,635.94	\$ 221.22	15.64%
150,000	\$ 1,507.95	\$ 1,743.92	\$ 235.97	15.65%
160,000	\$ 1,601.18	\$ 1,851.90	\$ 250.72	15.66%
170,000	\$ 1,694.42	\$ 1,959.88	\$ 265.46	15.67%
180,000	\$ 1,787.65	\$ 2,067.86	\$ 280.21	15.67%
190,000	\$ 1,880.89	\$ 2,175.84	\$ 294.95	15.68%
200,000	\$ 1,974.12	\$ 2,283.82	\$ 309.70	15.69%
210,000	\$ 2,067.35	\$ 2,391.80	\$ 324.44	15.69%
220,000	\$ 2,160.59	\$ 2,499.78	\$ 339.19	15.70%
230,000	\$ 2,253.82	\$ 2,607.76	\$ 353.93	15.70%
240,000	\$ 2,347.06	\$ 2,715.74	\$ 368.68	15.71%
250,000	\$ 2,440.29	\$ 2,823.72	\$ 383.42	15.71%
260,000	\$ 2,533.53	\$ 2,931.70	\$ 398.17	15.72%
270,000	\$ 2,626.76	\$ 3,039.68	\$ 412.91	15.72%
280,000	\$ 2,720.00	\$ 3,147.66	\$ 427.66	15.72%
290,000	\$ 2,813.23	\$ 3,255.64	\$ 442.40	15.73%
300,000	\$ 2,906.47	\$ 3,363.62	\$ 457.15	15.73%
310,000	\$ 2,999.70	\$ 3,471.60	\$ 471.89	15.73%
320,000	\$ 3,092.94	\$ 3,579.58	\$ 486.64	15.73%
330,000	\$ 3,186.17	\$ 3,687.56	\$ 501.38	15.74%
340,000	\$ 3,273.88	\$ 3,789.13	\$ 515.26	15.74%
350,000	\$ 3,359.21	\$ 3,887.96	\$ 528.75	15.74%
360,000	\$ 3,444.54	\$ 3,986.79	\$ 542.25	15.74%
370,000	\$ 3,529.88	\$ 4,085.62	\$ 555.75	15.74%
380,000	\$ 3,615.21	\$ 4,184.45	\$ 569.24	15.75%
390,000	\$ 3,700.54	\$ 4,283.28	\$ 582.74	15.75%
400,000	\$ 3,785.88	\$ 4,382.11	\$ 596.23	15.75%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 3 - MAIN DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
INDUSTRIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES*	PROPOSED RATES		AMOUNT (4)	PERCENT (5)
(1)	(2)	(3)		(4)	(5)
0	\$ 30.10	\$ 32.40		\$ 2.30	7.64%
1,000	\$ 42.89	\$ 47.21		\$ 4.32	10.08%
2,000	\$ 55.69	\$ 62.03		\$ 6.34	11.39%
3,000	\$ 68.48	\$ 76.84		\$ 8.36	12.21%
4,000	\$ 81.27	\$ 91.66		\$ 10.39	12.78%
5,000	\$ 94.06	\$ 106.47		\$ 12.41	13.19%
6,000	\$ 106.86	\$ 121.28		\$ 14.43	13.50%
7,000	\$ 119.65	\$ 136.10		\$ 16.45	13.75%
8,000	\$ 132.44	\$ 150.91		\$ 18.47	13.95%
9,000	\$ 145.23	\$ 165.73		\$ 20.49	14.11%
10,000	\$ 158.03	\$ 180.54		\$ 22.52	14.25%
20,000	\$ 270.42	\$ 310.69		\$ 40.27	14.89%
30,000	\$ 382.81	\$ 440.84		\$ 58.03	15.16%
40,000	\$ 495.20	\$ 570.99		\$ 75.79	15.31%
50,000	\$ 607.59	\$ 701.14		\$ 93.55	15.40%
60,000	\$ 719.98	\$ 831.29		\$ 111.31	15.46%
70,000	\$ 832.37	\$ 961.44		\$ 129.07	15.51%
80,000	\$ 944.76	\$ 1,091.59		\$ 146.83	15.54%
90,000	\$ 1,057.16	\$ 1,221.74		\$ 164.59	15.57%
100,000	\$ 1,169.55	\$ 1,351.89		\$ 182.34	15.59%
200,000	\$ 2,293.46	\$ 2,653.39		\$ 359.93	15.69%
300,000	\$ 3,417.37	\$ 3,954.89		\$ 537.52	15.73%
400,000	\$ 4,541.28	\$ 5,256.39		\$ 715.11	15.75%
500,000	\$ 4,771.16	\$ 5,523.22		\$ 752.05	15.76%
600,000	\$ 5,703.51	\$ 6,603.02		\$ 899.51	15.77%
700,000	\$ 6,635.86	\$ 7,682.82		\$ 1,046.96	15.78%
800,000	\$ 7,568.20	\$ 8,762.62		\$ 1,194.41	15.78%
900,000	\$ 8,500.55	\$ 9,842.42		\$ 1,341.86	15.79%
1,000,000	\$ 9,432.90	\$ 10,922.22		\$ 1,489.32	15.79%
1,100,000	\$ 10,365.25	\$ 12,002.02		\$ 1,636.77	15.79%
1,200,000	\$ 11,297.59	\$ 13,081.82		\$ 1,784.22	15.79%
1,300,000	\$ 12,229.94	\$ 14,161.62		\$ 1,931.67	15.79%
1,400,000	\$ 13,162.29	\$ 15,241.42		\$ 2,079.13	15.80%
1,500,000	\$ 14,094.64	\$ 16,321.22		\$ 2,226.58	15.80%
1,600,000	\$ 15,026.98	\$ 17,401.02		\$ 2,374.03	15.80%
1,700,000	\$ 15,959.33	\$ 18,480.82		\$ 2,521.48	15.80%
1,800,000	\$ 16,891.68	\$ 19,560.62		\$ 2,668.94	15.80%
1,900,000	\$ 17,824.03	\$ 20,640.42		\$ 2,816.39	15.80%
2,000,000	\$ 18,756.37	\$ 21,720.22		\$ 2,963.84	15.80%
3,000,000	\$ 28,079.85	\$ 32,518.22		\$ 4,438.37	15.81%
4,000,000	\$ 37,403.32	\$ 43,316.22		\$ 5,912.89	15.81%
5,000,000	\$ 46,726.80	\$ 54,114.22		\$ 7,387.42	15.81%
6,000,000	\$ 56,050.27	\$ 64,912.22		\$ 8,861.94	15.81%
7,000,000	\$ 65,373.75	\$ 75,710.22		\$ 10,336.47	15.81%
8,000,000	\$ 74,697.22	\$ 86,508.22		\$ 11,810.99	15.81%
9,000,000	\$ 84,020.70	\$ 97,306.22		\$ 13,285.52	15.81%
10,000,000	\$ 93,344.17	\$ 108,104.22		\$ 14,760.04	15.81%
11,000,000	\$ 102,667.65	\$ 118,902.22		\$ 16,234.57	15.81%
12,000,000	\$ 111,991.12	\$ 129,700.22		\$ 17,709.09	15.81%
13,000,000	\$ 121,314.60	\$ 140,498.22		\$ 19,183.62	15.81%
14,000,000	\$ 130,638.07	\$ 151,296.22		\$ 20,658.14	15.81%
15,000,000	\$ 139,961.55	\$ 162,094.22		\$ 22,132.67	15.81%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 3 - MAIN DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
PUBLIC - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES* (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)	
0	\$ 30.10	\$ 32.40	\$ 2.30	7.64%	
1,000	\$ 42.89	\$ 47.21	\$ 4.32	10.08%	
2,000	\$ 55.69	\$ 62.03	\$ 6.34	11.39%	
5,000	\$ 94.06	\$ 106.47	\$ 12.41	13.19%	
6,000	\$ 106.86	\$ 121.28	\$ 14.43	13.50%	
7,000	\$ 119.65	\$ 136.10	\$ 16.45	13.75%	
8,000	\$ 132.44	\$ 150.91	\$ 18.47	13.95%	
9,000	\$ 145.23	\$ 165.73	\$ 20.49	14.11%	
10,000	\$ 158.03	\$ 180.54	\$ 22.52	14.25%	
11,000	\$ 169.26	\$ 193.56	\$ 24.29	14.35%	
12,000	\$ 180.50	\$ 206.57	\$ 26.07	14.44%	
13,000	\$ 191.74	\$ 219.59	\$ 27.84	14.52%	
14,000	\$ 202.98	\$ 232.60	\$ 29.62	14.59%	
15,000	\$ 214.22	\$ 245.62	\$ 31.39	14.66%	
16,000	\$ 225.46	\$ 258.63	\$ 33.17	14.71%	
17,000	\$ 236.70	\$ 271.65	\$ 34.95	14.76%	
18,000	\$ 247.94	\$ 284.66	\$ 36.72	14.81%	
19,000	\$ 259.18	\$ 297.68	\$ 38.50	14.85%	
20,000	\$ 270.42	\$ 310.69	\$ 40.27	14.89%	
25,000	\$ 326.61	\$ 375.77	\$ 49.15	15.05%	
30,000	\$ 382.81	\$ 440.84	\$ 58.03	15.16%	
35,000	\$ 435.56	\$ 501.94	\$ 66.37	15.24%	
40,000	\$ 481.64	\$ 555.31	\$ 73.66	15.29%	
45,000	\$ 527.72	\$ 608.68	\$ 80.95	15.34%	
50,000	\$ 573.80	\$ 662.05	\$ 88.24	15.38%	
60,000	\$ 665.96	\$ 768.79	\$ 102.82	15.44%	
70,000	\$ 758.12	\$ 875.53	\$ 117.40	15.49%	
80,000	\$ 850.28	\$ 982.27	\$ 131.98	15.52%	
90,000	\$ 942.44	\$ 1,089.01	\$ 146.56	15.55%	
100,000	\$ 1,034.60	\$ 1,195.75	\$ 161.14	15.58%	
110,000	\$ 1,126.76	\$ 1,302.49	\$ 175.72	15.60%	
120,000	\$ 1,218.92	\$ 1,409.23	\$ 190.30	15.61%	
130,000	\$ 1,311.08	\$ 1,515.97	\$ 204.88	15.63%	
140,000	\$ 1,403.24	\$ 1,622.71	\$ 219.46	15.64%	
150,000	\$ 1,495.40	\$ 1,729.45	\$ 234.04	15.65%	
160,000	\$ 1,587.56	\$ 1,836.19	\$ 248.62	15.66%	
170,000	\$ 1,679.72	\$ 1,942.93	\$ 263.20	15.67%	
180,000	\$ 1,771.88	\$ 2,049.67	\$ 277.79	15.68%	
190,000	\$ 1,864.04	\$ 2,156.41	\$ 292.37	15.68%	
200,000	\$ 1,956.20	\$ 2,263.15	\$ 306.95	15.69%	
210,000	\$ 2,048.36	\$ 2,369.89	\$ 321.53	15.70%	
220,000	\$ 2,140.52	\$ 2,476.63	\$ 336.11	15.70%	
230,000	\$ 2,232.68	\$ 2,583.37	\$ 350.69	15.71%	
240,000	\$ 2,324.84	\$ 2,690.11	\$ 365.27	15.71%	
250,000	\$ 2,417.00	\$ 2,796.85	\$ 379.85	15.72%	
260,000	\$ 2,509.16	\$ 2,903.59	\$ 394.43	15.72%	
270,000	\$ 2,601.32	\$ 3,010.33	\$ 409.01	15.72%	
280,000	\$ 2,693.48	\$ 3,117.07	\$ 423.59	15.73%	
290,000	\$ 2,785.64	\$ 3,223.81	\$ 438.17	15.73%	
300,000	\$ 2,877.80	\$ 3,330.55	\$ 452.75	15.73%	
310,000	\$ 2,969.96	\$ 3,437.29	\$ 467.33	15.74%	
320,000	\$ 3,062.12	\$ 3,544.03	\$ 481.91	15.74%	
330,000	\$ 3,154.28	\$ 3,650.77	\$ 496.49	15.74%	
340,000	\$ 3,240.97	\$ 3,751.17	\$ 510.20	15.74%	
350,000	\$ 3,325.33	\$ 3,848.86	\$ 523.53	15.74%	
360,000	\$ 3,409.68	\$ 3,946.55	\$ 536.87	15.75%	
370,000	\$ 3,494.04	\$ 4,044.24	\$ 550.20	15.75%	
380,000	\$ 3,578.39	\$ 4,141.93	\$ 563.54	15.75%	
390,000	\$ 3,662.75	\$ 4,239.62	\$ 576.87	15.75%	
400,000	\$ 3,747.10	\$ 4,337.31	\$ 590.21	15.75%	

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
BUNKER HILL DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE AMOUNT (4)	INCREASE PERCENT (5)
	PRESENT RATES (2)	PROPOSED RATES (3)		
0	\$ 8.60	\$ 11.80	\$ 3.20	37.21%
1,000	\$ 13.44	\$ 18.46	\$ 5.02	37.38%
2,000	\$ 18.28	\$ 25.12	\$ 6.85	37.46%
3,000	\$ 23.11	\$ 31.78	\$ 8.67	37.50%
3,700	\$ 26.50	\$ 36.44	\$ 9.94	37.52%
4,000	\$ 27.95	\$ 38.44	\$ 10.49	37.53%
5,000	\$ 32.79	\$ 45.10	\$ 12.31	37.55%
6,000	\$ 37.63	\$ 51.76	\$ 14.14	37.57%
7,000	\$ 42.46	\$ 58.42	\$ 15.96	37.58%
8,000	\$ 47.30	\$ 65.08	\$ 17.78	37.59%
9,000	\$ 52.14	\$ 71.74	\$ 19.60	37.60%
10,000	\$ 56.98	\$ 78.40	\$ 21.43	37.60%
11,000	\$ 61.81	\$ 85.06	\$ 23.25	37.61%
12,000	\$ 66.65	\$ 91.72	\$ 25.07	37.61%
13,000	\$ 71.49	\$ 98.38	\$ 26.89	37.62%
14,000	\$ 76.33	\$ 105.04	\$ 28.72	37.62%
15,000	\$ 81.16	\$ 111.70	\$ 30.54	37.63%
16,000	\$ 86.00	\$ 118.36	\$ 32.36	37.63%
17,000	\$ 90.84	\$ 125.02	\$ 34.18	37.63%
18,000	\$ 95.68	\$ 131.68	\$ 36.01	37.63%
19,000	\$ 100.51	\$ 138.34	\$ 37.83	37.63%
20,000	\$ 105.35	\$ 145.00	\$ 39.65	37.64%
25,000	\$ 129.54	\$ 178.30	\$ 48.76	37.64%
30,000	\$ 153.73	\$ 211.60	\$ 57.88	37.65%
35,000	\$ 177.91	\$ 244.90	\$ 66.99	37.65%
40,000	\$ 202.10	\$ 278.20	\$ 76.10	37.65%
45,000	\$ 226.29	\$ 311.50	\$ 85.21	37.66%
50,000	\$ 250.48	\$ 344.80	\$ 94.33	37.66%
60,000	\$ 298.85	\$ 411.40	\$ 112.55	37.66%
70,000	\$ 347.23	\$ 478.00	\$ 130.78	37.66%
80,000	\$ 395.60	\$ 544.60	\$ 149.00	37.66%
90,000	\$ 443.98	\$ 611.20	\$ 167.23	37.67%
100,000	\$ 492.35	\$ 677.80	\$ 185.45	37.67%
110,000	\$ 540.73	\$ 744.40	\$ 203.68	37.67%
120,000	\$ 589.10	\$ 811.00	\$ 221.90	37.67%
130,000	\$ 637.48	\$ 877.60	\$ 240.13	37.67%
140,000	\$ 685.85	\$ 944.20	\$ 258.35	37.67%
150,000	\$ 734.23	\$ 1,010.80	\$ 276.58	37.67%
160,000	\$ 782.60	\$ 1,077.40	\$ 294.80	37.67%
170,000	\$ 830.98	\$ 1,144.00	\$ 313.03	37.67%
180,000	\$ 879.35	\$ 1,210.60	\$ 331.25	37.67%

\* Present rates include 7.50% DSIC.

AQUA PENNSYLVANIA INC.  
PHOENIXVILLE DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE AMOUNT (4)	INCREASE PERCENT (5)
	PRESENT RATES (2)	PROPOSED RATES (3)		
0	\$ 3.58	\$ 4.90	\$ 1.32	36.74%
1,000	\$ 6.81	\$ 9.34	\$ 2.53	37.18%
2,000	\$ 10.03	\$ 13.78	\$ 3.75	37.34%
3,000	\$ 13.26	\$ 18.22	\$ 4.96	37.42%
3,700	\$ 15.52	\$ 21.33	\$ 5.81	37.46%
4,000	\$ 16.48	\$ 22.66	\$ 6.18	37.47%
5,000	\$ 19.71	\$ 27.10	\$ 7.39	37.51%
6,000	\$ 22.93	\$ 31.54	\$ 8.61	37.53%
7,000	\$ 26.16	\$ 35.98	\$ 9.82	37.55%
8,000	\$ 29.38	\$ 40.42	\$ 11.04	37.56%
9,000	\$ 32.61	\$ 44.86	\$ 12.25	37.57%
10,000	\$ 35.83	\$ 49.30	\$ 13.47	37.58%
11,000	\$ 39.06	\$ 53.74	\$ 14.68	37.59%
12,000	\$ 42.28	\$ 58.18	\$ 15.90	37.60%
13,000	\$ 45.51	\$ 62.62	\$ 17.11	37.60%
14,000	\$ 48.73	\$ 67.06	\$ 18.33	37.61%
15,000	\$ 51.96	\$ 71.50	\$ 19.54	37.61%
16,000	\$ 55.18	\$ 75.94	\$ 20.76	37.61%
17,000	\$ 58.41	\$ 80.38	\$ 21.97	37.62%
18,000	\$ 61.63	\$ 84.82	\$ 23.19	37.62%
19,000	\$ 64.86	\$ 89.26	\$ 24.40	37.62%
20,000	\$ 68.08	\$ 93.70	\$ 25.62	37.63%
25,000	\$ 84.21	\$ 115.90	\$ 31.69	37.63%
30,000	\$ 100.33	\$ 138.10	\$ 37.77	37.64%
35,000	\$ 116.46	\$ 160.30	\$ 43.84	37.65%
40,000	\$ 132.58	\$ 182.50	\$ 49.92	37.65%
45,000	\$ 148.71	\$ 204.70	\$ 55.99	37.65%
50,000	\$ 164.83	\$ 226.90	\$ 62.07	37.65%
60,000	\$ 197.08	\$ 271.30	\$ 74.22	37.66%
70,000	\$ 229.33	\$ 315.70	\$ 86.37	37.66%
80,000	\$ 261.58	\$ 360.10	\$ 98.52	37.66%
90,000	\$ 293.83	\$ 404.50	\$ 110.67	37.66%
100,000	\$ 326.08	\$ 448.90	\$ 122.82	37.66%
110,000	\$ 358.33	\$ 493.30	\$ 134.97	37.67%
120,000	\$ 390.58	\$ 537.70	\$ 147.12	37.67%
130,000	\$ 422.83	\$ 582.10	\$ 159.27	37.67%
140,000	\$ 455.08	\$ 626.50	\$ 171.42	37.67%
150,000	\$ 487.33	\$ 670.90	\$ 183.57	37.67%
160,000	\$ 519.58	\$ 715.30	\$ 195.72	37.67%
170,000	\$ 551.83	\$ 759.70	\$ 207.87	37.67%
180,000	\$ 584.08	\$ 804.10	\$ 220.02	37.67%

\* Present rates include 7.50% DSIC.

## APPENDIX A

RS1a.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- a. A description of the allocation methods used. A comparison of the allocated cost of service by class with the present and proposed revenues. A cost of service schedule showing the rate of return produced by present and proposed rates by class of service.

RESPONSE

A description of the methods used for the cost of service study is provided on pages 3 through 5 of Exhibit 5-A, Part I and in APA Statement No. 5. A comparison of the allocated cost of service by class with the present and proposed revenues is provides on Schedule A of Exhibit 5-A, Part I. Schedules B and C showing the rate of return produced by present and proposed rates by customer classification are provided in Exhibit No. 5-A, Part I.

RS1b.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- b. Indicate if the method used for establishing the allocation factors in the cost of service study deviates from the previous study submitted in the last rate case. If yes, indicate which allocation factors were changed and discuss the reason for the changes.

RESPONSE

The methods used for establishing the allocation factors in the cost of service study have not deviated from the previous study submitted in the last case.

RS1c.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- c. Supply the average day, the maximum day and the maximum hour deliveries to the system adjusted for storage for the historic test year and 2 prior years. Also provide workpapers, analyses, comparative data or other documentation supporting the estimated maximum day and peak hour demands by customer class reflected in the company's cost of service study.

RESPONSE

Refer to Schedule F of Exhibit 5-A, Part I for the average day and maximum day and maximum hour system deliveries for the years 1962 through 2020, as available. Support for the customer class demand factors is provided on the following pages, which were taken from the discussion of the customer class demand study submitted in the Company's filing at Docket No. R-00973952.

## CUSTOMER CLASS DEMAND STUDY

The purpose of the customer class demand study is to develop empirical bases for the maximum day and hour extra capacity factors used in the cost allocation study. The study of customer demands is being conducted in accordance with the plans submitted by the Company to the Pennsylvania Public Utility Commission during the course of the rate proceeding at Docket No. R-911892.

Previous reports on the customer class demand study were submitted as Exhibit No. 9-A in Docket No. R-00922476, and as part of Exhibit No. 50-B in Docket Nos. R-00932868, R-00953343 and R-00973952. The initial report sets forth descriptions of the selection of customers, the initial experience with data collection in 1991, and the data obtained in 1992. Subsequent reports included the observed maximum day and hour use for each customer or group of customers being monitored during the 1992 through 1996 data collection periods.

This report sets forth the data through the 1996 monitoring period as shown in the schedule on pages 7 through 22 of this response. Data during each period were reviewed to determine the maximum day and hour use for each customer or group of customers being monitored. The maximum use was divided by the average use for the year in which the monitoring was performed to develop indications of maximum day and hour ratios for the customer's classification.

The customers and customer groups, i.e., residential neighborhoods, were classified based on their revenue or billing category or, with respect to residential

neighborhoods, the housing density and annual use. The monitoring results were organized in this manner, inasmuch as data related to the proportions of the customer classification represented by these categories were available. For example, the Company prepares an analysis of consumption in each of its load control areas which indicates the housing density, high, medium or low, the number of residential customers and their annual consumption. The neighborhoods were grouped according to housing density and annual consumption, e.g., medium density housing with customers whose average annual use is between 60,000 and 70,000 gallons. Similarly, commercial and public customers were organized by revenue categories such as apartments, colleges, etc., and industrial customers were organized based on their billing frequency, quarterly or monthly.

Average ratios were calculated for each category and also are presented in the schedule on pages 7 through 22 of this response. The average ratios of the categories for which empirical data were available, and estimated ratios for six residential categories representing 3.49 percent of residential consumption, are weighted to determine the composite ratios for the several classifications in the schedule on pages 23 and 24 of this response.

Residential. The residential maximum day and hour ratios used in the most recent cost allocation study were 2.1 and 4.5, respectively. The maximum day ratio used in studies of other water utilities which were based on empirical demands is 2.5 and the maximum hour ratios range from 4.5 to 6.0.

The observed maximum day ratios of selected Philadelphia Suburban residential neighborhoods range from 0.76 to 5.27. The observed maximum hour ratios range from 1.31 to 33.86. The average maximum day and hour ratios by residential neighborhood category range from 1.23 to 3.87 and from 2.57 to 7.31, respectively. The weighted ratios, as shown in the schedule on page 23 of this response, are 2.119 for maximum day and 4.508 for maximum hour. The weighted maximum day and hour ratios of 2.1 and 4.5 confirm their continued use in the cost allocation study.

Commercial and Public. The commercial and public maximum day and hour ratios used in the most recent study were 2.0 and 3.8, respectively. Maximum day and hour ratios used in studies of other water utilities which were based on empirical demands range from 1.6 to 2.5 and 3.3 to 5.0, respectively.

The observed maximum day ratios of selected commercial and public customers range from 0.70 to 9.88. The observed maximum hour ratios range from 1.85 to 39.95. The average maximum day and hour ratios by revenue category range from 1.28 to 6.36 and from 2.52 to 23.84, respectively. The upper end of each range represents data for a golf course. A review of the data indicates that the golf course would likely contribute to the peak day load; however, its peak hour occurs in the early morning and would not occur at the same time as the peak hour of other commercial and public customers.

Thus, the weighted maximum day ratio of 2.0, as shown in the schedule on page 24 of this response, continues to be used for the commercial and public classifications. It includes the effect of the golf course and is within the range of

rations used in other studies. The weighted maximum hour ratio excluding the golf course data of 3.8 is maintained for use in the cost allocation study and also is within the range of ratios used in other studies.

The weighted ratios for commercial and public customers do not reflect the initial data obtained in 1996 for six small commercial customers as shown in the schedule on page 18 of this response. The ratios for the small customers are generally higher than the weighted ratios of the other commercial and public customers. However, inasmuch as limited data are available, no further increase in the ratios for these classifications is proposed.

Industrial. The industrial maximum day and hour ratios used in the most recent study were 1.7 and 2.7, respectively. Maximum day ratios used in studies of other water utilities which were based on empirical demands range from 1.5 to 1.8 for day and the maximum hour ratio is 2.7.

The observed maximum day ratios of selected industrial customers range from 1.03 to 3.10. The observed maximum hour ratios range from 1.43 to 6.25. The average maximum day ratios by billing frequency are 1.68 and 1.73 and the weighted maximum day ratio is 1.69. The average maximum hour ratios by billing frequency are 2.58 and 3.12 and the weighted maximum hour ratio is 2.73.

Based on the current estimates, estimates of other utilities and the observed ratios during 1992-1996; maximum day and hour ratios of 1.7 and 2.7, respectively, continue to be used in the allocation study.

Sales to Other Water Utilities. The Sales to Other Water Utilities maximum day and hour ratios used in the most recent cost allocation study were

10.0 and 20.0, respectively, for the customers located in the Main Division. Maximum day and hour ratios used in a study for another water utility which were based on empirical demands range from 2.0 to 10.0 for maximum day and 5.0 to 20.0 for maximum hour. The observed maximum day ratios of selected resale customers range from 1.46 to 20.23. The observed maximum hour ratios range from 4.80 to 52.52. The maximum day and hour ratios for the Bristol Division customers in the last study were estimated at 1.5 and 2.0, respectively.

As a result of acquisitions since the last study, the Company has lost and gained Sales to Other Water Utilities customers. There are now several customers with relatively uniform demand characteristics. These customers have been assigned maximum day and hour ratios of 1.50 and 2.00, respectively, and designated as Group A. There also are several customers whose demand characteristics are less favorable, but collectively, not as high as the Main Division customers in the last study. Maximum day and hour ratios of 3.00 and 5.00, respectively, have been assigned to these customers, designated as Group B.

PHILADELPHIA SUBURBAN WATER COMPANY

SUMMARY OF OBSERVED MAXIMUM DAY AND HOUR DEMAND RATIOS DURING THE PERIOD 1982-1986

NUMBER	TEST PERIOD FROM (6)	TO (7)	TEST PERIOD FROM (8)	TO (9)	AVERAGE ANNUAL CONSUMPTION COPPERFORDS WITH TEST YEAR (10)			MAXIMUM DAY DURING TEST PERIOD (11)			MAXIMUM HOUR DURING TEST PERIOD (12)			DATE (17)
					ANNUAL (1)	AVERAGE HOUR (2)	PER DAY (3)	GALLONS (11)	TEST RATIO (12)	DATE (13)	GALLONS (14)	TEST RATIO (15)	HOUR (16)	
					OF CUST. (3)	LCA (2)	PER CUST. (10)							
RESIDENTIAL-AVERAGE DEMAND ANNUAL USE OF 70-80,000	08/01/82	08/31/82	19,522.0	8,135	185.9	8,135	185.9	32,165.0	1.65	07/24/82	3,041.0	3.74	10-11 AM	07/23/82
Prospect	08/01/82	08/31/82	21,121.0	8,060.0	186.1	8,060.0	186.1	44,500.0	2.04	07/25/82	4,486.0	5.02	8-9 PM	07/25/82
	105	08/01/84	20,827.0	672.4	186.4	672.4	186.4	27,184.0	1.30	07/17/84	2,558.0	2.98	10-11 AM	07/17/84
Average for Annual Use of 70-80,000									1.67				3.91	
ANNUAL USE OF 80-100,000	08/01/82	08/31/82	10,036.0	8,285.0	344.4	223.4	223.4	18,427.8	2.23	07/23/82	1,822.7	4.42	11-12 AM	07/23/82
Harbert	247	37	102,184	8,912.0	387.2	239.2	239.2	17,181.0	1.95	07/24/84	1,381.0	3.68	9-10 AM	07/24/84
	37	05/24/85	10,036.0	8,501.6	388.0	230.8	230.8	20,182.0	2.20	08/04/85	1,880.0	5.24	4-5 PM	08/04/85
	37	04/12/86	9,618.6	8,670.0	381.6	234.5	234.5	14,006.1	1.61	07/23/86	4,054.4	11.21	11-12 AM	07/23/86
Average for Annual Use of 80-100,000									2.18				4.45	
ANNUAL USE OF 100-120,000	08/01/82	07/31/82	12,271.0	511.3	285.0	511.3	511.3	35,785.5	2.82	07/18/82	3,848.4	7.14	3-4 PM	07/23/82
Abington	346	49	10/03/83	12,701.0	628.2	264.6	264.6	50,704.4	4.00	07/30/83	5,233.4	10.08	11-12 AM	07/16/83
	49	10/21/84	12,135.0	505.6	262.6	505.6	505.6	63,940.0	5.27	07/13/84	11,222.0	23.58	2-3 AM	07/13/84
	49	08/22/84	12,389.0	618.4	267.7	623.5	623.5	64,178.6	4.24	07/23/84	4,418.0	8.57	3-4 PM	07/17/84
	49	04/12/85	12,028.0	628.1	269.0	624.7	624.7	62,288.0	4.71	07/23/85	4,401.5	8.37	2-3 AM	07/23/85
Average for Annual Use of 80-100,000														
ANNUAL USE OF 120-140,000	08/01/82	07/26/82	12,780.0	522.8	318.7	40,927.4	3.20	07/22/82	2,882.7	4.90	4-5 AM	07/22/82		
Whiteland	354	40	08/17/83	10,036.0	11,891.0	485.6	297.3	30,058.0	3.34	07/05/83	3,006.6	6.18	7-8 PM	07/05/83
	40	08/09/84	11,403.0	11,403.0	262.3	30,380.0	2.94	07/05/84	2,767.0	5.76	8-9 AM	07/05/84		
	40	07/27/85	12,058.7	892.4	301.4	64,588.0	4.54	07/05/85	4,243.0	8.48	10-11 AM	07/04/85		
	40	04/12/86	9,516.0	398.5	237.9	21,041.0	2.21	07/23/86	5,230.0	13.21	12-1 PM	07/23/86		
Average for Annual Use of 80-100,000									3.87				7.31	
ANNUAL USE OF 140-160,000	08/01/82	10/01/82	17,430.0	728.3	341.8	49,380.0	2.77	07/18/82	3,339.7	5.01	9-10 AM	07/23/82		
Rutherford	250	51	08/17/83	10,036.0	20,720.0	603.3	408.3	377.0	2.82	07/23/84	6,117.1	6.93	9-10 PM	07/11/83
	51	05/02/84	10/21/84	19,227.0	871.1	375.0	36,207.0	3.04	08/04/85	4,374.0	8.48	10-11 AM	07/23/84	
	51	05/24/85	10/03/85	18,125.7	780.9	322.5	67,200.0	3.40	08/05/86	4,403.0	5.59	7-8 AM	07/05/85	
	51	04/07/86	08/01/86	18,400.0	685.4					3,985.7	5.28		7-8 AM	07/05/86
Average for Annual Use of > 100,000														5.60

**PHILADELPHIA SUBURBAN WATER COMPANY**

SUMMARY OF OBSERVED MAXIMUM DAY AND HOUR DEMAND RATIOS DURING THE PERIOD 1992-1996

NUMBER OF CUST. (1)	AREA (2)	LCA (3)	TEST PERIOD FROM (6) TO (7)	MAXIMUM DAY			MAXIMUM HOUR						
				ANNUAL CONSUMPTION AMOUNT OF WATER USED IN GALLONS per year (gallons)	ANNUAL AMOUNT (8)	AVERAGE AMOUNT AVG HOURS (9)	PER DAY PER CUST. (10)	TEST DATE (11)	TEST RATIO (12)	DURATION TEST PERIOD TEST RATIO (13)			
<b>RESIDENTIAL AREA - 1500000 LITER/DAY</b>													
Annual, 1,000,000 liters/day	263	48	05/01/92	9,942.0	280.3	144.8	12,469.7	1.60	7/19/92	3,750.9	13.00	6-8 AM	8/16/92
Northeast	49	06/04/93	10,026.0	6,972.0	271.0	139.0	10,146.0	1.52	6/11/93	1,901.7	4.80	8-9 PM	7/6/93
	49	04/26/94	10,218.4	5,777.0	240.7	120.1	10,354.0	1.53	6/25/94	1,173.0	3.80	7-8 PM	6/23/94
	49	08/29/95	10,026.0	6,463.7	288.3	134.7	12,469.0	2.00	7/20/95	1,303.0	4.84	6-7 PM	7/30/95
	49	04/12/96	6,820.0	284.4	142.2	9,428.0	1.24	5/26/96	974.2	3.53	8-10 PM	4/20/96	
<b>Average for Annual Use of 60-60,000</b>													
Annual, 1,000,000 liters/day	117	64	04/30/92	10,070.2	438.9	195.6	17,538.6	1.61	9/23/92	1,977.9	3.43	8-10 AM	7/11/92
	64	08/17/93	10,098.0	10,800.0	462.3	197.0	18,091.5	1.70	8/27/93	1,070.4	3.71	7-9 PM	7/27/93
	64	05/12/94	10,218.4	8,377.0	414.0	152.9	18,260.0	1.64	7/12/94	1,995.0	3.70	8-9 PM	7/20/94
	64	05/24/95	10,326.0	10,370.3	432.4	181.8	16,440.0	1.62	7/14/95	1,680.0	3.60	8-9 PM	6/14/95
	64	04/17/96	10,026.0	4,700.0	186.2	165.0	7,860.0	1.71	8/26/96	674.2	4.60	8-9 AM	7/14/96
<b>Water Grove</b>													
Annual, 1,000,000 liters/day	244	27	05/20/92	10,018.2	4,700.0	186.3	10,751.4	2.28	8/19/92	1,124.5	5.74	8-7 PM	7/8/92
	27	05/03/93	10,026.0	4,980.0	186.3	173.6	21,318.0	1.77	8/19/93	7,122.0	33.98	9-10 AM	6/18/93
	27	05/02/94	10,218.4	4,820.0	186.0	184.9	20,800.0	1.69	7/11/94	1,267.0	6.40	3-4 PM	6/18/94
	27	05/24/95	10,026.0	4,716.7	198.6	174.7	14,880.0	3.09	7/13/95	907.5	3.90	7-8 PM	5/20/95
	27	04/12/96	6,817.6	4,852.0	202.0	180.1	8,704.8	1.50	8/16/96	616.8	4.50	8-9 PM	6/24/96
<b>Stratford</b>													
Annual, 1,000,000 liters/day	219	23	06/02/92	10,018.2	4,268.0	176.8	7,824.4	1.78	8/17/92	903.6	4.60	8-9 PM	7/30/92
	23	05/17/93	10,066.0	4,924.0	192.7	201.0	15,620.6	1.30	7/12/93	1,362.9	7.23	6-7 PM	6/28/93
	23	05/21/94	10,218.4	4,900.0	187.6	186.7	12,473.0	2.77	7/18/94	3,708.0	18.78	10-11 AM	6/10/94
	23	05/24/95	10,026.0	4,494.7	188.2	184.3	12,616.0	2.67	8/21/95	1,214.0	6.32	1-2 PM	6/24/95
	23	04/12/96	6,816.6	4,611.0	192.1	200.5	8,937.0	1.53	8/27/96	879.3	4.56	7-8 PM	6/28/96
<b>Average for Annual Use of 60-70,000</b>													
									2.36		4.97		

PHILADELPHIA SUBURBAN WATER COMPANY

SUMMARY OF OBSERVED MAXIMUM DAY AND HOUR DEMAND RATIOS DURING THE PERIOD 1982-1988

NUMBER	OF CUST.	TEST PERIOD FROM (2) TO (3)	AVERAGE ANNUAL CONSUMPTION COMPARISON WITH TEST YEAR (inches)				MAXIMUM DAY DURING TEST PERIOD				MAXIMUM HOUR DURING TEST PERIOD					
			ANNUAL AREA (1)	LCA (2)	AVG. DAY (6)	AVG. HOUR (7)	PER DAY (8)	PER CUST. (9)	TEST DATE (11)	GALLONS TEST (12)	RATIO (13)	CALLING TEST (14)	RATIO (15)	HOUR (16)	DATE (17)	
ANNUAL USE OF 70,000,000			LAWRENCE PARK	405	04/20/82	10/01/82	16,520.0	647.5	201.0	26,427.8	1.70	9/23/82	4,006.4	6.19	7-8 PM	
			Wyncocks	77	05/17/83	10/03/83	15,453.0	646.1	201.1	26,340.0	1.63	9/11/83	2,650.9	4.12	8-9 PM	
			Wyncocks	77	05/09/84	10/19/84	16,000.0	670.3	206.9	29,777.0	1.85	9/7/84	2,514.0	3.75	8-9 PM	
			Wyncocks	77	05/24/85	10/06/85	15,750.0	684.3	203.9	24,850.0	1.95	9/16/85	2,316.0	3.64	10-11 AM	
			Wyncocks	77	04/12/86	09/17/86	14,800.0	620.3	190.4	23,140.5	1.55	9/16/86	2,170.7	3.50	11-12 AM	
			SL. Areas	254	22	05/22/82	08/31/82	4,200.0	175.4	181.0	11,221.5	2.60	4/7/82	802.6	5.16	7-8 AM
			SL. Areas	22	05/17/83	10/04/83	4,120.0	171.0	187.5	6,285.0	1.52	7/10/83	884.9	5.15	7-8 PM	
			SL. Areas	22	05/20/84	10/21/84	4,287.0	162.0	180.4	6,480.0	1.47	7/10/84	802.0	3.79	4-5 PM	
			SL. Areas	22	05/24/85	10/06/85	4,240.7	170.7	182.0	6,757.0	2.00	8/26/85	801.0	4.53	5-6 PM	
			SL. Areas	22	04/16/86	09/20/86	3,801.0	159.4	172.0	5,470.5	1.44	8/29/86	707.2	4.47	7-8 PM	
			Average for Annual Use of 70,000,000							1.01			4.41			
			ANNUAL USE OF 80,000,000	35	05/24/83	10/03/83	7,485.0	311.0	213.0	14,030.0	1.36	9/4/83	1,466.6	4.67	3-4 PM	
			ANNUAL USE OF 80,000,000	35	05/08/84	10/21/84	6,227.0	342.0	236.1	20,770.0	2.46	8/28/84	1,684.0	4.53	6-7 PM	
			ANNUAL USE OF 80,000,000	35	05/24/85	10/03/85	7,893.0	327.0	224.5	26,461.0	3.37	7/30/85	2,154.0	6.56	7-8 PM	
			ANNUAL USE OF 80,000,000	35	04/12/86	09/17/86	9,663.0	401.0	278.5	16,094.8	1.57	9/16/86	1,814.0	4.81	12-1 PM	
			ANNUAL USE OF 80,000,000							2.70			5.36			

\* NOT TESTED IN STAGGER.

**PHILADELPHIA SUBURBAN WATER COMPANY**

**SUMMARY OF OBSERVED MAXIMUM DAY AND HOUR DEMAND RATIOS DURING THE PERIOD 1962-1968**

NUMBER	AREA	LCA	OF CUST.	TEST PERIOD FROM (6) TO (7)	MAXIMUM DAY DURING TEST RECORD			MAXIMUM HOUR DURING TEST RECORD		
					ANNUAL (8)	ANNUAL AVG DAY (9)	PER DAY PER CUST. (10)	GALLONS (11)	TEST RATIO (12)	DATE (13)
<b>RESIDENTIAL-Avg Day Demand</b>										
Derby	36	05/07/62	06/03/62	6,945.0	235.2	180.9	7,504.4	1.36	8/23/62	7/11/62
	36	05/17/63	10/03/63	5,181.0	216.0	143.4	8,076.7	1.57	7/5/63	7/30/63
	36	05/02/64	10/21/64	5,467.0	228.0	152.4	11,047.0	2.12	8/25/64	8/14/64
	36	05/24/65	10/03/65	6,431.0	226.3	150.9	12,340.0	2.36	7/15/65	7/15/65
	36	04/12/66	07/23/66	6,983.0	233.0	155.4	4,243.4	0.70	8/14/66	8/14/66
Cherry Hill Plaza	416	05/07/62	10/07/62	12,977.0	924.0	149.7	18,524.4	1.52	8/8/62	1/10/62
	64	05/17/63	10/03/63	12,216.0	908.0	146.4	16,398.1	1.28	7/6/63	1/10/63
	64	05/02/64	10/21/64	12,717.0	928.9	161.4	17,289.0	1.36	7/10/64	1/11/64
	64	05/24/65	10/03/65	12,503.0	921.0	148.8	20,118.0	2.25	7/24/65	8/2/65
	64	04/12/66	07/23/66	12,908.0	940.4	154.4	18,941.3	1.24	4/20/66	1/12/66
Average for Annual Use of 30-50,000								1.59		3.59
<b>ANNUAL USE OF 50-70,000</b>										
Upper Darby	412	74	05/07/62	06/01/62	12,931.0	538.0	174.7	13,280.0	1.04	7/18/62
	74	05/17/63	10/03/63	11,704.0	487.7	168.2	16,172.1	1.38	7/17/63	1/17/63
	74	05/22/64	10/21/64	12,883.0	626.5	171.4	16,316.0	1.23	8/11/64	10/8/64
	74	05/24/65	10/03/65	12,459.3	616.3	168.1	16,357.0	1.23	8/23/65	1/12/65
	74	04/12/66	09/17/66	11,964.0	494.3	160.3	16,191.0	1.26	8/28/66	1/12/66
Average for Annual Use of 50-70,000								1.23		2.57

**PHILADELPHIA SUBURBAN WATER COMPANY**

**SUMMARY OF OBSERVED MAXIMUM DAY AND HOUR DEMAND RATIOS DURING THE PERIOD 1982-1986**

Test Site (1)	Average Annual Consumption Corporation with Test Period (gallons)						Maximum Day During Test Period						Maximum Hour During Test Period						Maximum Hour During Test Period						
	Test Period (2)		From (3)		To (4)		Test (5)	Days (6)	Average Hour (7)	Gallons (8)	Ratio (9)	Days (10)	Gallons (11)	Ratio (12)	Days (13)										
<b>COMMERCIAL AND PUBLIC</b>																									
Apartment																									
Valley Stream Village	07/13/82	08/30/82	21	26,043.1	1,038.2	29,809.2	1.14	10/4/82	2,988.0	2,72	6-7 AM	8/30/82													
	09/14/82	10/05/82	21	24,903.9	1,037.9	31,017.3	1.25	10/3/83	2,910.0	2.80	7-8 AM	10/1/83													
	07/18/83	08/29/83	13	24,973.0	1,040.7	30,678.2	1.23	8/20/84	2,754.3	2.65	12-1 PM	10/30/84													
	08/17/83	09/28/83	13	24,973.0	1,040.7	30,678.2	1.23	8/20/84	2,754.3	2.65	12-1 PM	10/30/84													
	10/11/83	10/11/83	13	24,973.0	1,040.7	30,678.2	1.23	8/20/84	2,754.3	2.65	12-1 PM	10/30/84													
	08/08/84	08/21/84	15	24,973.0	1,040.7	30,678.2	1.23	8/20/84	2,754.3	2.65	12-1 PM	10/30/84													
	07/18/84	07/18/84	13	24,973.0	1,040.7	30,678.2	1.23	8/20/84	2,754.3	2.65	12-1 PM	10/30/84													
	08/16/84	08/28/84	13	24,973.0	1,040.7	30,678.2	1.23	8/20/84	2,754.3	2.65	12-1 PM	10/30/84													
	10/14/84	11/04/84	21	24,973.0	1,040.7	30,678.2	1.23	8/20/84	2,754.3	2.65	12-1 PM	10/30/84													
Condo Apts.	07/20/83	08/03/83	14	119,900.8	4,899.2	154,900.9	1.23	9/5/83	11,469.0	2.29	10-11 AM	8/5/83													
	08/01/83	09/14/83	13	119,900.8	4,899.2	154,900.9	1.23	9/5/83	11,469.0	2.29	10-11 AM	8/5/83													
	10/12/83	10/26/83	13	119,900.8	4,899.2	154,900.9	1.23	9/5/83	11,469.0	2.29	10-11 AM	8/5/83													
	08/24/84	09/06/84	13	119,900.8	4,899.2	154,900.9	1.23	9/5/83	11,469.0	2.29	10-11 AM	8/5/83													
	09/20/84	07/05/84	15	119,900.8	4,899.2	154,900.9	1.23	9/5/83	11,469.0	2.29	10-11 AM	8/5/83													
	07/18/84	08/01/84	14	119,900.8	4,899.2	154,900.9	1.23	9/5/83	11,469.0	2.29	10-11 AM	8/5/83													
	08/28/84	09/11/84	14	119,900.8	4,899.2	154,900.9	1.23	9/5/83	11,469.0	2.29	10-11 AM	8/5/83													
Condo Hgt Apt.	05/08/82	07/30/82	85	20,394.8	1,009.8	46,887.5	1.74	5/8/82	3,870.7	3.62	8-9 AM	5/25/82													
	08/31/82	10/01/82	91	22,231.5	928.3	37,135.9	1.57	5/24/82	3,311.7	3.56	8-9 AM	6/29/82													
	09/17/83	10/09/83	144	30,240.0	1,280.0	36,522.0	1.21	7/21/84	3,257.0	2.57	7-8 AM	9/21/84													
	08/20/84	10/21/84	123	28,084.0	1,169.3	45,821.2	1.70	9/20/84	3,501.0	3.14	7-8 AM	5/17/84													
	04/15/86	06/18/86	156	28,734.0	1,113.9	45,821.2	1.70	9/20/84	3,501.0	3.14	7-8 AM	5/17/84													
Total Apartments				449,511.8	16,720.7	674,273.1	1.23		47,281.3	2.62															

**PHILADELPHIA SUBURBAN WATER COMPANY**

**SUMMARY OF OBSERVED MAXIMUM DAY AND HOUR DEMAND RATIOS DURING THE PERIOD 1992-1998**

Test Site (1)	Test Period				Maximum Day During Test Period				Maximum Hour During Test Period			
	From (2)		To (3)	Test Days (4)	Average Day (5)	Average Hour (6)	Customer Ratio (7)	Date (8)	Customer Ratio (9)	Date (10)	Customer Ratio (11)	Date (12)
	<b>HOSPITALS</b>											
Fayard and Mervyn Hospital	07/07/98	07/20/98	13	37,401.9	1,580.4	51,000.1	1.38	02/24/03	6,254.8	3.57	7-8 AM	7/1/98
Holy Redeemer Hospital	08/17/98	08/30/98	13	94,141.0	3,022.0	120,021.7	1.38	04/23/03	9,167.7	2.34	2-3 PM	8/3/98
Total Hospitals	413,5885.9	17,232.7	589,175.5	1.38					44,493.5	2.58		
Total												

**PHILADELPHIA SUBURBAN WATER COMPANY**

**SUMMARY OF OBSERVED MAXIMUM DAY AND HOUR DEMAND RATIOS DURING THE PERIOD 1982-1986**

Test Site (1)	Average Actual Consumption Corresponding with Test Period				Maximum Day During Test Period				Maximum Hour During Test Period																	
	Test Period		Test Days (2)		Day Average Consumption (gallons) (3)		Day Average Hour (4)		Gallons (5)		Ratio (6)		Gallons (7)		Ratio (8)		Gallons (9)		Ratio (10)		Gallons (11)		Ratio (12)		Gallons (13)	
	From (2)	To (3)	From (4)	To (5)	From (5)	To (6)	From (6)	To (7)	From (7)	To (8)	From (8)	To (9)	From (9)	To (10)	From (10)	To (11)	From (11)	To (12)	From (12)	To (13)						
<b>Businesses</b>																										
Surfside Apartments & Clubhouse	07/07/83	07/20/83	13	10,536.2	439.0	22,245.1	2.11	71493	2,253.9	5,14	3-4 PM	7/10/83														
	08/17/83	08/30/83	13	10,307.0	429.5	14,541.2	1.41	42454	1,585.5	2.05	2-3 PM	8/30/84														
	04/22/84	05/05/84	17	10,307.0	429.5	25,920.0	2.40	81586	4,404.0	10.14	11-12 AM	10/16/86														
	08/27/84	10/14/84	17	10,423.1	434.3																					
	05/15/85	06/31/85	16	10,423.1	434.3																					
	06/12/85	06/29/85	14	10,423.1	434.3																					
	10/16/85	10/31/85	15	10,536.0	434.3	10,811.5	1.97	62388	1,941.7	3.78	3-4 PM	7/8/88														
	08/21/85	08/28/85	00	10,536.0	434.3																					
<b>Starfire Restaurant &amp; Inn</b>																										
	08/04/83	08/18/83	12	54,189.9	2,207.9	90,500.1	1.68	87783	8,989.7	3.60	8-9 AM	8/28/83														
	08/31/83	09/14/83	13	50,700.0	2,115.0	116,219.8	2.28	83584	10,810.5	8.11	12-1 PM	8/30/84														
	10/11/83	10/25/83	14	50,700.0	2,115.0																					
	07/05/84	07/19/84	13	50,700.0	2,115.0																					
	08/01/84	08/15/84	15	50,700.0	2,115.0																					
	08/28/84	09/12/84	14	50,700.0	2,115.0																					
	09/27/84	10/14/84	17	50,700.0	2,115.0																					
	07/24/85	08/08/85	16	58,065.9	2,351.9	84,146.0	1.68	83785	7,176.0	3.08	12-1 PM	8/4/85														
	08/22/85	09/05/85	14	58,065.9	2,351.9																					
	08/17/85	10/02/85	15	58,065.9	2,351.9																					
<b>Aero Chemical Company</b>																										
	08/22/82	07/13/82	21	112,934.4	4,705.8	202,818.4	1.80	87582	13,510.8	2.87	8-9 PM	8/25/82														
	08/24/82	09/14/82	21	118,608.2	4,902.0	208,727.8	1.78	82883	13,623.4	2.78	9-AM	8/28/83														
	08/07/83	07/05/83	20	122,977.0	5,111.5	219,105.0	1.79	77284	15,944.4	3.08	3-4 PM	7/28/84														
	08/24/84	08/30/84	13																							
	07/16/84	08/01/84	14																							
	08/29/84	09/13/84	14																							

**PHILADELPHIA SUBURBAN WATER COMPANY**

**SUMMARY OF OBSERVED MAXIMUM DAY AND HOUR DEMAND RATIOS DURING THE PERIOD 1992-1998**

Test Site (1)	Average Annual Consumption Corresponds with Test Period (gallons)						Maximum Day During Test Period Gallons      Ratio      Date						Maximum Hour During Test Period Gallons      Ratio      Hour      Date			
	Test Period From (2)		To (3)		Days (4)		Average Day (5)		Average Hour (6)		Gallons (7)		Ratio (8)		Date (9)	
<b>BELMONT BLDG.</b>																
Royal Franklin Home	06/03/93	06/30/93	07/01/93	14	27	71,729.0	2,988.7	101,008.9	1.41	8:00:00	0,003.0	2.30	8:10 AM	8/13/93		
	06/23/93	07/08/93	07/01/94	14	67,398.0	2,807.0	66,711.9	1.32	7/21/94	0,072.2	2.38	2:3 AM	7/23/94			
	07/18/94	08/01/94	08/01/95	14	76,351.8	3,100.5	142,808.0	1.83	8/05/95	18,022.0	5.91	6:0 AM	8/05/95			
	07/10/95	07/25/95	08/21/95	14												
	08/07/95															
<b>Chair Francisco of PA</b>																
	06/24/93	06/21/93	07/08/93	15	120,271.2	5,011.3	245,325.9	2.03	8/4/93	23,585.2	4.71	4:5 PM	8/3/93			
	06/23/93	06/18/93	06/18/93	13	148,280.0	6,177.1	202,158.6	1.82	8/08/94	24,585.1	3.93	12:1 PM	8/13/94			
	06/08/94	06/15/94	06/01/94	9												
	07/18/94	08/01/94	08/01/94	14												
	08/28/94	09/12/94	08/30/95	14	167,929.2	6,989.0	376,467.0	2.25	8/10/95	22,184.0	3.17	8:9 AM	8/10/95			
	09/28/95	07/11/95	08/22/95	15												
	08/07/95	10/16/95	10/31/95	15												
<b>CIBA Cality</b>																
	07/03/93	07/18/93	06/30/93	13	29,214.5	1,217.3	52,431.0	1.79	8/20/93	5,089.4	4.54	1:2 PM	9/30/93			
	06/17/93	07/22/93	10/1/93	13	32,488.0	1,354.1	53,985.1	1.63	8/12/94	5,122.3	3.73	1:2 PM	7/12/94			
	07/03/94	07/18/94	06/01/94	15												
	08/12/94	08/27/94	08/12/95	15												
	09/12/95	07/24/95	08/07/95	14												
	07/22/95	08/15/95	08/22/95	14												

**PHILADELPHIA SUBURBAN WATER COMPANY**

**SUMMARY OF OBSERVED MAXIMUM DAY AND HOUR DEMAND RATIOS DURING THE PERIOD 1982-1986**

Test Site (1)	Test Period From (2)				Test To (3)				Average Annual Consumption Corresponds with Test Period (inches)				Maximum Day During Test Period (inches)				Maximum Hour During Test Period Hour (12)				Date (13)	
	Test Period Days (4)		Average Day (5)		Test Hours (6)		Average Hour (7)		Gallons (8)		Ratio (9)		Date (10)		Gallons (11)		Ratio (12)		Date (13)			
<b>Business Account</b>																						
Southwest Delivery	07/07/83	07/20/83	13	36,512.1	1,034.7	82,357.9	1.52	7/5/83	5,011.2	3.12	4-5 AM	7/11/83										
	08/17/83	08/30/83	13	34,131.0	1,022.1	81,546.2	1.51	8/15/84	2,620.1	1.95	5-6 AM	8/16/84										
	04/28/84	05/09/84	17	30,023.0	1,201.0	40,988.0	1.24	10/26/85	3,058.0	2.44	7-8 AM	5/20/85										
	08/06/84	08/20/84	14	30,023.0	1,201.0	40,988.0	1.24	10/26/85	3,058.0	2.44	7-8 AM	5/20/85										
	08/20/84	09/12/84	14	30,023.0	1,201.0	40,988.0	1.24	10/26/85	3,058.0	2.44	7-8 AM	5/20/85										
	10/14/84	11/04/84	21	30,023.0	1,201.0	40,988.0	1.24	10/26/85	3,058.0	2.44	7-8 AM	5/20/85										
	08/18/85	08/30/85	15	30,023.0	1,201.0	40,988.0	1.24	10/26/85	3,058.0	2.44	7-8 AM	5/20/85										
	08/30/85	09/13/85	14	30,023.0	1,201.0	40,988.0	1.24	10/26/85	3,058.0	2.44	7-8 AM	5/20/85										
	09/21/85	09/30/85	15	30,023.0	1,201.0	40,988.0	1.24	10/26/85	3,058.0	2.44	7-8 AM	5/20/85										
	10/16/85	10/31/85	15	30,023.0	1,201.0	40,988.0	1.24	10/26/85	3,058.0	2.44	7-8 AM	5/20/85										
Total Southwest				1,397,432.9	59,304.9	2,502,947.1	1.52	200,986.1	3.58													
<b>GOLF COURSE</b>																						
Springfield Club Sprinkler	07/20/83	08/03/83	14	34,282.2	1,428.4	182,399.8	6.51	7/23/83	29,260.2	20.50	5-6 AM	8/2/83										
	08/11/83	08/13/83	13	10/12/83	10/26/83	14	27,908.0	1,166.6	185,729.8	6.92	8/10/84	27,850.5	23.88	4-5 PM	10/23/84							
	08/08/84	08/20/84	14	08/20/84	08/01/84	12	31,180.7	1,200.0	208,733.0	6.68	8/7/85	36,708.0	27.48	6-7 AM	7/4/85							
	08/20/84	08/28/84	13	10/14/84	11/04/84	21	31,180.7	1,200.0	208,733.0	6.68	8/7/85	36,708.0	27.48	6-7 AM	7/4/85							
	08/25/85	09/22/85	20	08/25/85	09/03/85	13	30,403.9	3,824.5	594,801.8	8.38	8/2,639.7	23.84										
Total Golf Courses																						

**PHILADELPHIA SUBURBAN WATER COMPANY**

**SUMMARY OF OBSERVED MAXIMUM DAY AND HOUR DEMAND RATIOS DURING THE PERIOD 1982-1996**

Test Site (1)	Average Annual Consumption Corresponds with Test Period (gallons)			Maximum Day During Test Period (gallons)			Maximum Hour During Test Period (gallons)		
	From (2)	To (3)	Test Period (4)	Average Day (5)			Ratio (6)	Date (7)	Ratio (8)
				Average Hour (6)	Day (5)	Hour (6)			
<b>NOTE 5</b> <b>Postleau Hotel</b>	07/07/93	07/20/93	13	49,002.3	1,820.5	78,544.1	1.70	8/20/93	8,371.2
	08/17/93	08/30/93	13	44,422.0	1,850.9	71,184.9	1.60	8/4/94	8,746.5
	08/20/94	08/26/94	15	35,184.4	1,810.0	57,802.0	1.64	8/15/94	8,159.4
	08/01/94	08/18/94	15	39,128.4	1,820.0	70,733.0	2.20	8/27/94	7,580.0
	08/27/94	08/27/94	15	34,874.2	1,463.1	59,733.0	2.20	8/27/94	7,522.5
	08/30/95	08/31/95	13	39,069.5	15	60,491.0	1.60	9/1/95	10,008.0
	08/22/95	08/22/95	15	39,069.5	15	60,491.0	1.60	9/1/95	10,008.0
	08/21/95	08/21/95	15	39,069.5	15	60,491.0	1.60	9/1/95	10,008.0
Total Hotels				125,388.50	5,224.52	229,471.97	1.63		19,707.72
<b>COLLEGES</b> <b>Swarthmore College</b>	08/24/92	08/14/92	21	78,908.7	3,228.6	134,857.9	1.80	8/25/92	20,744.3
	04/22/93	05/11/93	15	65,054.0	3,543.9	69,417.6	0.70	6/3/93	6,683.5
	04/22/94	05/10/94	17	79,500.0	3,325.0	119,023.0	1.48	8/14/94	12,370.7
	08/12/94	10/10/94	25	60,741.4	2,830.9	69,491.0	1.47	10/6/95	10,008.0
	08/31/95	10/31/95	25	57,838.0	2,409.0	416,629.5	7.20	8/31/95	85,782.6
	08/28/95	08/31/95	24	57,838.0	2,409.0	416,629.5	7.20	8/31/95	85,782.6
Total Colleges				30,440.5	1,268.4	30,938.0	1.02	5/4/95	3,517.3
<b>Innwood College</b>	04/22/93	05/12/93	15	35,188.0	1,463.2	57,902.0	1.64	11/20/94	8,008.5
	08/22/94	08/30/94	17	35,188.0	1,463.2	57,902.0	1.64	11/20/94	8,008.5
	11/04/94	11/04/94	35	30,205.0	1,268.6	53,705.0	1.12	10/25/95	4,000.0
	05/16/95	05/30/95	15	30,205.0	1,268.6	53,705.0	1.12	10/25/95	4,000.0
Total Colleges				489,174.20	19,132.20	841,172.57	2.05		136,430.50
									7.13

# PHILADELPHIA SUBURBAN WATER COMPANY

## SUMMARY OF OBSERVED MAXIMUM DAY AND HOUR DEMAND RATIOS DURING THE PERIOD 1982-1990

Test Site	Average Annual Consumption				Maximum Day				Maximum Hour			
	Compared with Test Period				During Test Period				During Test Period			
	Test Period	To	From	Days	Average	Average	Hour	Days	Outage	(10)	(11)	Hour
<b>PRIVATE SCHOOLS</b>												
V.F. Military Academy	08/24/82	09/14/82	21	16,947.5	700.1	62,541.2	3.69	84/92	9,290.5	13.13	7-9 AM	9/4/92
	05/10/83	05/25/83	15	16,817.5	784.1	32,514.4	1.73	81/83	3,739.5	4.77	10-11 PM	5/10/83
	08/14/83	08/24/83	14									
	04/22/84	05/12/84	20	21,984.0	914.0	33,058.1	1.51	427/84	3,543.7	3.87	5-9 AM	5/5/84
	05/15/85	06/20/85	15	20,627.0	859.5	47,280.0	2.29	10/6/85	4,943.0	6.75	10-11 PM	10/5/85
	10/03/85	10/31/85	28									
	08/17/86	07/20/86	33	30,453.0	1,270.1	82,000.9	2.69	9/1/86	7,846.8	6.18	7-8 AM	9/2/86
	08/20/86	08/13/86	30									
Total Private Schools				108,829.0	4,834.6	257,424.7	2.37		28,341.5	6.47		
<b>PUBLIC SCHOOLS</b>												
Amplia Ntnl. High Sch.	08/14/82	10/03/82	21	10,413.9	433.9	23,420.7	2.25	9/30/82	4,291.3	9.59	6-9 AM	9/30/82
	08/10/83	08/25/83	15	9,285.6	281.9	16,235.8	2.59	8/11/83	6,320.7	24.13	12-1 PM	8/11/83
	08/14/83	08/28/83	14									
	04/22/84	05/24/84	32	10,202.0	425.1	19,256.0	1.89	8/1/84	4,264.3	10.03	9-10 AM	8/2/84
	08/12/84	10/14/84	32									
	05/15/85	05/31/85	16	7,057.9	269.2	23,978.0	3.41	8/17/85	8,118.0	27.88	7-8 AM	5/30/85
	08/14/85	10/30/85	42									
Total Public Schools				33,859.3	1,414.1	82,000.3	2.44		22,984.3	16.28		

**PHILADELPHIA SUBURBAN WATER COMPANY**

**SUMMARY OF OBSERVED MAXIMUM DAY AND HOUR DEMAND RATIOS DURING THE PERIOD 10/02-10/06**

Test Site (1)	Test Period (2)      To (3)			Average Annual Consumption Corresponding with Test Period (gallons)			Maximum Day During Test Period (4)			Maximum Hour During Test Period (5)		
	Test (6) Days		Average (7) Hour	Gallons (8) Day		Ratio (9)	Gallons (10) Day		Ratio (11)	Hour (12)		Days (13)
	From (2)	To (3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Other Public												
US Postal Service	07/20/06	08/03/06	14	12,357.6	514.9	23,789.0	1.83	7/28/06	1,781.4	3.42	3-4 PM	10/20/06
08/14/06	08/22/06	14										
10/11/06	10/25/06	14										
08/24/06	08/05/06	13	14,210.0	582.4	28,386.9	2.00	8/28/06	3,240.1	5.47	2-3 PM	7/30/06	
07/05/06	07/18/06	13										
08/01/06	08/15/06	15										
10/14/06	11/04/06	21										
08/18/06	08/12/06	24	11,084.7	482.3	21,736.00	1.93	8/31/06	1,543.00	3.34	7-8 AM	8/29/06	
08/29/06	07/11/06	15										
08/21/06	08/05/06	15										
Total Other Public			37,870.60	1,899.60	73,932.66	1.86			0,544.53	4.17		
SMALL COMMERCIAL												
Great Valley Food. Church	07/22/06	08/16/06	56	282.00	10.6	2,469.95	9.06	8/14/06	419.50	39.85	1-2 PM	8/30/06
Story Wm Fuel Co.	07/23/06	08/16/06	55	124.00	5.2	251.50	2.03	8/4/06	136.90	26.90	4-5 PM	9/4/06
Stratford Pharmacy	07/22/06	08/16/06	56	64.00	2.7	147.26	2.30	8/24/06	32.56	12.21	8-10 AM	9/3/06
Dixton Sunn Grip	07/23/06	08/16/06	55	407.00	17.0	529.65	1.30	8/11/06	86.24	5.07	11-12 AM	8/21/06
Dollar Land	07/22/06	08/16/06	56	386.00	16.1	297.30	0.77	7/22/06	50.00	3.16	1-2 PM	7/25/06
McCourtland Jeep Eagle	07/22/06	08/16/06	56	357.00	14.9	2,676.20	7.50	8/21/06	290.30	20.12	3-4 PM	8/28/06
			1,590.00	68.25	6,390.76	4.02			1,027.06	15.80		

**PHILADELPHIA SUBURBAN WATER COMPANY**

**SUMMARY OF OBSERVED MAXIMUM DAY AND HOUR DEMAND RATIOS DURING THE PERIOD 1992-1996**

Test Site (1)	Average Annual Consumption Compared with Test Period (gallons)						Maximum Day During Test Period Gallons						Midnight Hour During Test Period Gallons						Maximum Day During Test Period Gallons									
	Test Period From (2)		To (3)		Test Date (4)		Average Day (5)		Average Hour (6)		Date (7)		Ratio (8)		Date (9)		Gallons		Hour (10)		Ratio (11)		Date (12)		Gallons		Hour (13)	
CHARTERED Y INDUSTRIAL																												
Johnson Matthey, Inc.	07/07/93	07/20/93	13	35,700.0	1,457.0	61,757.6	1.73	7/1/93	3,631.0	2.44	1-2 PM	8/20/93																
	08/17/93	08/30/93	13																									
	09/25/93	10/11/93	13																									
	07/18/94	08/01/94	14	47,800.0	1,987.4	77,228.3	1.62	7/21/94	4,225.5	2.19	1-2 PM	7/21/94																
	08/29/94	09/12/94	14																									
	10/14/94	11/04/94	21																									
	08/12/95	08/25/95	14	39,349.3	1,587.9	67,770.0	1.77	8/18/95	3,900.0	2.48	8-9 PM	8/18/95																
	07/07/95	07/20/95	15																									
	08/19/95	10/03/95	14																									
Martin Marietta	08/05/92	08/22/92	19	63,341.0	2,639.2	153,814.6	2.43	8/18/92	13,017.5	4.83	12-1 PM	8/18/92																
	08/10/92	08/26/92	14																									
	07/20/93	08/03/93	14	77,587.4	3,232.0	102,850.9	1.32	8/8/93	4,633.3	1.43	8-9 AM	8/8/93																
	08/31/93	09/13/93	13																									
	07/05/94	07/18/94	13	64,000.0	2,250.0	78,672.3	1.42	7/18/94	3,942.2	1.75	1-2 PM	7/18/94																
	10/14/94	11/12/94	20																									
	08/31/95	09/12/95	12	29,802.5	1,243.4	42,480.0	1.42	8/28/95	3,880.0	2.93	4-5 PM	8/28/95																
	07/26/95	08/07/95	13																									
	09/19/95	10/03/95	14																									
	08/21/95	08/25/95	10	37,040.0	1,543.7	69,008.0	1.58	8/25/95	4,349.1	2.62	10-11 AM	8/25/95																

**PHILADELPHIA SUBURBAN WATER COMPANY**

**SUMMARY OF OBSERVED MAXIMUM DAY AND HOUR DEMAND RATIOS DURING THE PERIOD 1982-1983**

Test Days	Test Period	Correspond with Test Period			Maximum Day			Maximum Hour				
		Average Annual Consumption (Gallons)		Hours	During Test Period		Gallons	Ratio	Date	Hours	Date	
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
<b>QUARTERLYLY AVERAGE TESTS cont.</b>												
7-10 JP Bottling Co.	06/22/82	19	35,131.7	1,453.8	74,324.9	2.12	6/11/82	5,353.4	3.68	9-10 PM	6/11/82	
06/23/82	06/24/82	21	42,356.5	1,780.1	64,922.9	1.53	7/22/83	5,784.0	3.28	3-4 PM	7/22/83	
07/20/83	08/05/83	14	49,950.0	2,061.9	92,685.2	1.86	8/28/84	7,940.4	3.81	8-9 AM	8/28/84	
08/31/83	09/11/83	13	49,950.0	2,061.9	92,685.2	1.86	8/28/84	7,940.4	3.81	8-9 AM	8/28/84	
10/01/83	10/22/83	14	49,950.0	2,061.9	92,685.2	1.86	8/28/84	7,940.4	3.81	8-9 AM	8/28/84	
09/11/84	09/24/84	12	49,950.0	2,061.9	92,685.2	1.86	8/28/84	7,940.4	3.81	8-9 AM	8/28/84	
09/21/84	07/05/84	14	49,950.0	2,061.9	92,685.2	1.86	8/28/84	7,940.4	3.81	8-9 AM	8/28/84	
09/01/84	09/12/84	15	49,950.0	2,061.9	92,685.2	1.86	8/28/84	7,940.4	3.81	8-9 AM	8/28/84	
09/22/84	09/27/84	15	49,950.0	2,061.9	92,685.2	1.86	8/28/84	7,940.4	3.81	8-9 AM	8/28/84	
09/31/84	09/30/84	13	49,950.0	2,061.9	92,685.2	1.86	8/28/84	7,940.4	3.81	8-9 AM	8/28/84	
09/21/85	10/05/85	15	49,950.0	2,061.9	92,685.2	1.86	8/28/84	7,940.4	3.81	8-9 AM	8/28/84	
<b>TOTAL QUARTERLY TESTS</b>												
257,580.2	257,580.2	98,358.6	1,73							72,578.1	3.12	
<b>MONTHLYLY AVERAGE TESTS</b>												
06/06/82	06/07/82	21	327,986.8	13,848.0	338,624.5	2.67	7/15/82	61,953.2	3.81	1-2 PM	7/15/82	
06/07/82	06/08/82	14	640,774.0	22,511.4	657,589.1	1.61	7/27/83	62,709.8	2.34	12-1 AM	7/24/83	
06/21/82	06/22/82	28										
10/22/83	10/23/83	14	670,610.0	24,150.4	818,382.2	1.41	5/12/84	49,428.0	2.08	9-10 AM	5/10/84	
05/17/84	05/24/84	15										
06/27/84	11/04/84	36	277,197.0	11,549.9	301,711.0	1.30	8/28/84	20,922.0	1.81	6-7 AM	8/27/84	
07/24/85	08/02/85	9										
08/22/85	09/03/85	15										
08/18/85	10/03/85	14										
09/21/85	09/19/85	87										

**PHILADELPHIA SUBURBAN WATER COMPANY**

**SUMMARY OF OBSERVED MAXIMUM DAY AND HOUR DEMAND RATIOS DURING THE PERIOD 1982-1986**

Test Site	Test Period	Average Annual Consumption				Maximum Day				Maximum Hour			
		Corresponds with Test Period		(gallons)		During Test Period		Gallons		During Test Period		Gallons	
		From	To	Average	Hour	(6)	(7)	(8)	(9)	Date	Ratio	(10)	(11)
<b>MONTHLY MAXIMUMS - cont.</b>													
Boeing (Wynnewood - Pocohontas)	08/24/83	08/08/83	15	370,620.6	15,438.4	476,887.2	1.20	8/16/83	30,247.8	1.80	6-7 AM	8/16/83	
08/21/83	08/22/83	15	346,853.0	14,409.7	429,387.2	1.24	8/15/84	25,020.6	1.74	12-1 PM	8/16/84		
08/07/84	08/27/84	14	305,071.0	12,711.3	607,571.0	1.90	8/25/83	48,207.0	3.64	1-2 PM	8/26/83		
08/15/85	08/25/85	14	167,950.4	6,997.9	173,393.8	1.03	8/14/83	15,357.0	2.19	9-10 AM	8/25/83		
08/21/83	07/07/83	18	188,115.0	7,784.8	206,170.1	1.11	8/15/84	17,001.0	2.28	11-12 AM	8/28/84		
08/08/84	08/20/84	14	100,591.0	6,690.9	180,918.0	1.24	8/28/83	22,381.0	3.42	11-12 PM	8/22/83		
07/16/84	08/22/84	13	104,978.0	4,374.1	180,217.5	1.72	7/8/84	11,920.2	2.73	11-12 AM	7/8/84		
08/22/85	07/10/85	14	101,484	17									
<b>MEAN CPC</b>													
08/21/83	07/07/83	16	105,772.9	4,467.2	178,284.6	1.67	8/13/83	13,045.5	2.88	10-11 AM	8/16/83		
08/03/83	08/16/83	13	104,978.0	4,374.1	180,217.5	1.72	7/8/84	11,920.2	2.73	11-12 AM	7/8/84		
08/14/83	08/22/83	14	104,978.0	4,374.1	180,217.5	1.72	7/8/84	11,920.2	2.73	11-12 AM	7/8/84		
07/05/84	07/19/84	13	104,978.0	4,374.1	180,217.5	1.72	7/8/84	11,920.2	2.73	11-12 AM	7/8/84		
08/16/84	08/22/84	13	104,978.0	4,374.1	180,217.5	1.72	7/8/84	11,920.2	2.73	11-12 AM	7/8/84		
08/27/84	10/14/84	17											
<b>Total Monthly Industrial</b>													
			3,734,778.6	188,449.2	6,313,282.1	1.66		404,338.7	2.58				

## PHILADELPHIA SUBURBAN WATER COMPANY

**SUMMARY OF OBSERVED MAXIMUM DAY AND HOUR DEMAND RATIOS DURING THE PERIOD 1982-1983**

Test Site (1)	Test Period			Average Day			Average Day Corresponds with Test Period (yellow)			Maximum Day			Maximum Hour During Test Period		
	From (2)		To (3)	Avg. Days (4)	Avg. Hours (5)	Avg. Min (6)	Calories (7)	Ratio (8)	Date (9)	Calories (10)	Ratio (11)	Date (12)	Calories (13)	Ratio (14)	Date (15)
PA Water Company	06/06/94	06/21/94	06/06/94	15	4.034.0	170.9	70,591.8	17.24	6/8/94	6,524.6	38.25	7-8 AM	3,684		
	06/16/94	06/23/94	06/16/94	13											
	10/14/94	11/04/94	10/14/94	17											
	06/19/95	06/30/95	06/19/95	12	300.0	22.0	5,470.0	7.93	5/29/95	1,510.0	52.52	10-11 AM	672.95		
	06/28/95	07/10/95	06/28/95	14											
	06/07/95	06/21/95	06/07/95	14											
	10/03/95	10/19/95	10/03/95	14											
	06/21/96	07/22/96	06/21/96	31	827.0	34.5	1,209.6	1.46	6/22/96	165.4	4.80	10-11 AM	5/23/96		
	06/03/97	06/03/97	06/03/97	14	36,418.1	3,578.6	378,116.9	3.03	7/28/97	74,008.0	16.77	10-11 AM	7729.97		
	06/11/97	06/11/97	06/11/97	13											
	10/12/97	10/28/97	10/12/97	14											
	06/06/98	06/21/98	06/06/98	15	38,928.0	1,621.9	767,591.5	20.23	6/18/98	70,588.0	43.09	8-9 PM	6718.94		
	06/28/98	06/28/98	06/28/98	14											
	10/14/98	11/04/98	10/14/98	21											
	06/12/99	07/11/99	06/12/99	29	67,170.1	2,708.9	718,543.0	10.65	6/21/99	73,148.0	28.13	9-10 AM	6202.95		
	06/07/99	06/21/99	06/07/99	14											
	06/03/99	06/03/99	06/03/99	14											
Wilmington Treatment Auth.	07/20/93	08/03/93	07/20/93	14											
	08/03/93	08/13/93	08/03/93	13											
	10/12/93	10/28/93	10/12/93	14											
	08/06/94	08/21/94	08/06/94	15											
	08/28/94	08/28/94	08/28/94	14											
	10/14/94	11/04/94	10/14/94	21											
	08/12/95	08/12/95	08/12/95	29											
	06/07/96	06/21/96	06/07/96	14											
Total Sales to Other Water Utilities	207,121.20	4,630.10	1,985,232.57	9.44			220,420.00	26.20							

**PHILADELPHIA SUBURBAN WATER COMPANY**

**WEIGHTED MAXIMUM DAY AND HOUR RATIOS BY CUSTOMER CLASSIFICATION**

Annual Average Consumption Per Customer (1)	1994 Consumption		Maximum Day Ratio		Maximum Hour Ratio	
	Consumption 1000 Gals (2)	Percent of Total (3)	Average Ratio (4)	Weighted Ratio (5)	Average Ratio (6)	Weighted Ratio (7)
<b>Residential</b>						
<b>High Density</b>						
50-60,000	185,775	1.03%	1.59	0.016	3.59	0.037
60-70,000	2,540,823	15.61%	1.23	0.182	2.57	0.401
70-80,000	48,030	0.28%	2.00	0.006	4.00	0.012
Subtotal	2,785,728	16.93%		0.214		0.460
<b>Medium Density</b>						
50-60,000	114,094	0.70%	1.81	0.013	4.80	0.034
60-70,000	5,735,901	35.10%	2.35	0.825	4.87	1.744
70-80,000	3,958,377	22.30%	1.81	0.406	4.41	0.967
80-90,000	953,157	5.83%	2.70	0.157	5.36	0.312
90-100,000	138,241	0.85%	2.50	0.021	6.00	0.043
>100,000	114,757	0.70%	2.50	0.018	6.00	0.035
Subtotal	10,716,228	65.57%		1.439		3.155
<b>Low Density</b>						
< 60,000	4,918	0.03%	1.50	0.000	3.50	0.001
50-60,000	108,053	0.65%	2.00	0.013	4.00	0.026
60-70,000	157,800	0.97%	2.00	0.019	4.00	0.030
70-80,000	485,275	2.85%	1.67	0.048	3.91	0.111
80-90,000	880,489	5.27%	2.18	0.115	4.46	0.235
90-100,000	599,022	3.87%	3.87	0.142	7.31	0.268
>100,000	682,817	4.08%	3.18	0.129	5.50	0.223
Subtotal	2,856,379	17.50%		0.498		0.903
Total Residential	16,339,329	100.00%		2.119		4.506

**PHILADELPHIA SUBURBAN WATER COMPANY**

**WEIGHTED MAXIMUM DAY AND HOUR RATIOS BY CUSTOMER CLASSIFICATION**

Revenue Class	Annual Consumption		Maximum Day Ratio		Maximum Hour Ratio	
	Consumption (1,000 gals)	Percent of Total	Average Ratio	Weighted Ratio	Average Ratio	Weighted Ratio
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b><u>Commercial and Public</u></b>						
Apartments	335,900	25.17%	1.28	0.322	2.52	0.635
Hospitals	282,454	21.91%	1.38	0.302	2.58	0.596
Business	317,548	23.80%	1.82	0.433	3.58	0.653
Golf Courses	94,242	7.06%	6.36	0.449	23.84	1.883
Hotels	37,627	2.82%	1.83	0.052	3.77	0.106
Colleges	220,739	16.54%	2.05	0.339	7.13	1.179
Private Schools	<u>35,984</u>	2.70%	2.37	<u>0.084</u>	6.47	<u>0.175</u>
Total Commercial and Public	<u>1,334,502</u>	<u>1.0000</u>		<u>1.981</u>		<u>5.197</u>
Total Excluding Golf Course				1.827		3.781
<b><u>Industrial</u></b>						
Quarterly Industrial	5,573,573	28.73%	1.73	0.46	3.12	0.84
Monthly Industrial	<u>15,278,888</u>	73.27%	1.68	<u>1.23</u>	2.58	<u>1.89</u>
Total Industrial	<u>20,850,371</u>			<u>1.69</u>		<u>2.73</u>

RS1d.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- d. Explain thoroughly the methodology employed if the company distinguishes between transmission and distribution or collection mains in its allocation of costs.

RESPONSE

For cost allocation purposes, mains that are 12-inch and larger are considered to be transmission mains and are allocated using Factor 3, which is based on average and maximum day extra capacity demands plus the daily requirement for fire demand. Mains sized under 12-inch are considered distribution mains and are allocated using Factor 4, which is based on average and maximum hour extra capacity demands plus the hourly requirement for fire demands.

RS1e.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- e. Provide a detailed explanation of how storage is utilized to meet base, maximum day and maximum hour demands.

RESPONSE

Storage is utilized to meet base, maximum day and maximum hour demands.

The Storage tanks play a major role in supplementing the maximum hourly demands. These facilities are located strategically throughout the Company's service territory to provide peak hour and emergency fire flow demands to all areas. Many of the facilities are also supplied with booster pumping stations, which automatically sense low pressures in the system and operate to pump water from the tanks to meet these peak demands.

For maximum day demands, the tanks are intended primarily to supplement demands during peak periods that exceed maximum send-out capacities are maintained at a level below the industry standard of 150% of average day demand. The Company's storage tank capacity is sufficient to meet at least a 30-day period of system demands in excess of plant capacity.

For meeting base day demands, the tanks are mainly relied on to stabilize pressures in the distribution system. They may be filling or emptying over the course of the day depending on local and system-wide demands. It is difficult to identify the extent to which each facility meets daily or hourly demands because their use varies continuously depending on the location and extent of the demands. Also, the storage facilities often serve areas beyond their actual pressure zones.

## AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- f. Provide workpapers, calculations and supporting documentation which develop the equivalent meters and equivalent service line weights reflected in the company's cost of service study.

## RESPONSE

The 5/8-inch dollar equivalent was developed using recent price quotations by meter size, received by the Company, as follows:

5/8-Inch	1.00
¾-Inch	1.06
1-Inch	1.16
1 ½-Inch	1.79
2-Inch	2.37
3-Inch	5.55
4-Inch	8.26
6-Inch	13.77
8-Inch	19.48
10-Inch	21.24

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1f., cont.

The  $\frac{3}{4}$ -Inch dollar equivalent was developed using recent price quotations by meter size, received by the Company, as follows:

5/8-Inch	1.00
$\frac{3}{4}$ -Inch	1.64
1-Inch	1.68
1 $\frac{1}{2}$ -Inch	1.78
2-Inch	3.09
3-Inch	3.09
4-Inch	3.09
6-Inch	3.09
8-Inch	3.09
10-Inch	3.09

RS1g.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- g. Provide all workpapers and supporting documentation for the fire flow requirement and duration utilized in the cost of service study.

RESPONSE

The source for the estimated fire protection demand of 20,000 gpm is published fire flow criteria for the population served. The 20,000 gpm estimate is the maximum fire flow requirement generally accepted by published authorities, regardless of population size. This maximum has been established by the National Board of Fire Underwriters (now the American Insurance Association).

General fire-fighting requirements, based on population established by the National Board of Fire Underwriters, are as follows:

- a) For populations of 200,000 or less,

$$Q = 1020\sqrt{P} (1-0.01\sqrt{P})$$

Where Q is the fire draft in gpm and P is the population in thousands.

- b) For populations in excess of 200,000

$$Q = 12,000 \text{ gpm plus } 2,000 \text{ to } 8,000 \text{ gpm for a potential second fire.}$$

Inasmuch as AQUA Pennsylvania serves a population of over 1,000,000, the maximum fire flow of 12,000 gpm would apply. Also, in consideration of the population being well over 200,000, the maximum of the additional allowance to provide for a second fire was selected for a maximum fire flow of 20,000 gpm.

RS1g.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1g. cont.

The foregoing requirements were published in Volume I, "Water and Wastewater Engineering," by Fair, Geyer & Okon, published in 1966 by John Wiley & Sons, Inc.

The required 10 hour fire duration is based on the Insurance Services Office, "Grading Schedule for the Municipal Fire Protection" dated 1974.

RS1h.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- h. Provide a breakdown of the number and size of private fire services according to the general water service class of customer.

RESPONSE

Please refer to Schedule G of Exhibit 5-A, Part I for a breakdown of the number of private fire lines by size. A breakdown of private fire lines by general water service classification is not available.

RS1i.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- i. Provide a calculation of the company's base cost of water or wastewater per unit of consumption or usage.

RESPONSE

The calculation of the base cost of water per 100 gallons is as follows:

Base Cost of Water (See attached Functional Allocation)	\$252,872,307
Pro Forma Water Consumption (100 gallons, excludes Contract Sales)	314,973,000
Base Cost per 100 Gallons	\$0.7731

RS1j.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- j. Provide a detailed cost analysis that supports the company's customer charges, by meter size, showing all direct and indirect costs included.

RESPONSE

Please refer to the attached schedules.

AQUA PENNSYLVANIA, INC.  
CALCULATION OF CUSTOMER COST PER MONTH FOR A 5/8-INCH METER

Cost Function (1)	Cost of Service (2)	Total Units (3)	Cost Per 5/8-inch Meter (4)	Cost Per 5/8-inch Meter Monthly Bill (5)
Meters	34,894,526	435,234 5/8-inch Equivalents	\$ 80.17	\$ 6.68
Services	47,278,914	427,576 3/4-inch Equivalents	110.57	9.21
Billing and Collecting	30,575,586	4,980,684 Bills	6.14	6.14
Meter Reading	<u>9,148,338</u>	4,980,684 Readings	1.84	<u>1.84</u>
Subtotal Customer Costs	\$121,897,364			23.87
Unrecovered Public Fire	<u>24,366,203</u>	435,234 5/8-inch Equivalents	55.98	<u>4.67</u>
Total Customer Costs and Public Fire	<u><u>\$146,263,567</u></u>			<u><u>\$ 28.54</u></u>

AQUA PENNSYLVANIA, INC.  
CALCULATION OF CUSTOMER COST PER MONTH FOR A 5/8-INCH METER  
DIRECT CUSTOMER COSTS ONLY

Cost Function (1)	Cost of Service (2)	Total Units (3)	Cost Per 5/8-inch Meter (4)	Cost Per 5/8-inch Meter Monthly Bill (5)
Meters	25,815,164	435,234 5/8-inch Equivalents	\$ 59.31	\$ 4.94
Services	43,356,298	427,576 3/4-inch Equivalents	101.40	8.45
Billing and Collecting	17,362,016	4,980,684 Bills	3.49	3.49
Meter Reading	<u>5,190,332</u>	4,980,684 Readings	1.04	<u>1.04</u>
Subtotal Customer Costs	<u>\$91,723,810</u>			17.92
Unrecovered Public Fire	<u>24,366,203</u>	435,234 5/8-inch Equivalents	55.98	<u>4.67</u>
Total Customer Costs and Public Fire	<u><u>\$116,090,013</u></u>			<u><u>\$ 22.59</u></u>

AQUA PENNSYLVANIA INC.

ANALYSIS OF DIRECT CUSTOMER COSTS

Description	Meters	Services	Billing and Collecting	Meter Reading
<b>Operation and Maintenance</b>				
Transmission and Distribution Expenses	\$ 6,663,734	\$ 2,402,421	\$ -	\$ -
Customer Accounting			9,673,178	2,892,731
Employee Pensions and Benefits	2,425,169	512,594	270,926	80,944
Transportation Expense	13,192	4,753	19,154	5,727
Worker's Compensation	146,997	31,070	16,422	4,906
Advertising Expense	46,447	16,734	67,438	20,163
Rent - Building	1,015	366	1,474	441
Rent - Equipment	5,223	1,882	7,583	2,267
Subtotal	9,301,777	2,969,820	10,056,174	3,007,179
Depreciation Expense				
Meters	5,833,715			
Services		8,084,646		
Office Buildings	412,508	148,618	598,937	179,077
Office Furniture and Equipment	2,506,348	902,987	3,639,069	1,088,051
Transportation Equipment	447,811	161,338	650,196	194,403
Subtotal	9,200,382	9,297,589	4,888,202	1,461,531
Taxes Other than Income				
Payroll Taxes	427,320	90,320	47,738	14,263
Assessments	380,827	305,833	196,083	58,532
Subtotal	808,147	396,153	243,821	72,795
Rate Base				
Meters	70,575,829			
Services		397,709,095		
Office Buildings	10,253,670	3,694,193	14,887,728	4,451,307
Office Furniture and Equipment	13,592,610	4,688,382	17,325,461	5,183,058
Transportation Equipment	2,311,241	795,248	2,923,469	874,611
Other Rate Base Elements	(9,323,986)	(37,057,156)	(3,959,479)	(1,203,237)
Subtotal	87,409,364	369,829,762	31,177,179	9,305,739
Return and Income Taxes @	8.5% 7,429,796	31,435,530	2,650,060	790,988
Other Revenue	(924,938)	(742,794)	(476,241)	(142,161)
Total Direct Customer Costs	<u>25,815,164</u>	<u>43,356,298</u>	<u>17,362,016</u>	<u>5,190,332</u>

\* Based on percentage of Direct Labor Expense to Total Labor Expense as shown below:

Labor Ratio	0.1351	0.0285	0.0151	0.0045
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AQUA PENNSYLVANIA, INC.  
ALLOCATION OF COST OF SERVICE TO COST FUNCTIONS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

Account Number	Account Description	Factor Ref.	Total Company Test Year	(3)	Base	(4)	Extra Capacity	Max Day	(5)	Max Hour	(6)	Meters	(7)	Customer Facilities Services	(8)	Customer Accounting Meter Reading	(9)	Billing and Coll.	(10)	Private Fire	(11)	Fire Service Public	(12)	Residential Fire	(13)	
<b>OPERATION AND MAINTENANCE EXPENSES</b>																										
<b>Source of Supply</b>																										
<b>---Operation---</b>																										
601.1	Operation Labor		2	301,370	213,849	86,101	-	-	-	-	-	-	-	-	-	-	-	-	-	696	724	-	-	23		
	Treatment Plants & Wells	2	3	17,033	11,242	4,527	-	-	-	-	-	-	-	-	-	-	-	-	-	454	786	-	-	-		
620.1	Booster Stations		2	51,270	36,381	14,648	-	-	-	-	-	-	-	-	-	-	-	-	-	118	123	-	-	-		
	Materials and Supplies	2	3	2,288	1,913	57,852	-	-	-	-	-	-	-	-	-	-	-	-	-	77	134	4	-	-		
636.1	Treatment Plants & Other		2	81,529	23,233	-	-	-	-	-	-	-	-	-	-	-	-	-	-	188	196	-	-	-		
641.1	Booster Stations		2	45,922	320,679	129,114	-	-	-	-	-	-	-	-	-	-	-	-	-	1,043	1,085	-	-	-		
	Building Rental	2	3	25,542	16,859	6,788	-	-	-	-	-	-	-	-	-	-	-	-	-	681	1,179	-	-	35		
	Treatment Plants & Wells	2	3	93,1564	658,775	265,241	-	-	-	-	-	-	-	-	-	-	-	-	-	3,257	4,227	-	-	62		
<b>Total Operation</b>																										
<b>---Maintenance---</b>																										
601.2	Maintenance Labor		2	200,681	142,402	57,335	-	-	-	-	-	-	-	-	-	-	-	-	-	463	482	-	-	-		
	Treatment Plants & Wells	2	3	74,602	49,240	19,827	-	-	-	-	-	-	-	-	-	-	-	-	-	1,989	3,444	-	-	102		
620.2	Booster Stations		2	2,990	2,122	854	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	-	-	-		
	Materials and Supplies	2	3	1,112	734	295	-	-	-	-	-	-	-	-	-	-	-	-	-	30	51	2	-	-		
631.2	Treatment Plants & Other		2	5,375	3,814	1,536	-	-	-	-	-	-	-	-	-	-	-	-	-	12	13	-	-	-		
	Booster Stations	2	3	1,988	1,319	531	-	-	-	-	-	-	-	-	-	-	-	-	-	53	52	3	-	-		
636.2	Contractor Services		2	215,902	155,331	62,540	-	-	-	-	-	-	-	-	-	-	-	-	-	505	526	-	-	-		
675.2	Miscellaneous		2	42	29	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Contractor Services - other	2	3	15	10	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Treatment Plants & Wells	2	3	505,718	355,001	142,934	-	-	-	-	-	-	-	-	-	-	-	-	-	3,059	4,616	-	-	107		
<b>Total Maintenance</b>																										

AQUA PENNSYLVANIA, INC.  
ALLOCATION OF COST OF SERVICE TO COST FUNCTIONS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

Account Number	Account Description	Factor Ref.	Total Company Test Year (3)	Base (4)	Extra Capacity		Customer Facilities Services (7)	Meters (6)	Customer Accounting Billing and Coll (9)	Meter Reading (10)	Private Fire (11)	Fire Service Public Fire (12)	Residential Fire (13)
					Max Day (5)	Max Hour (6)							
6101.1	Water Purchased for Resale	1	4,148,780	4,121,419	-	-	-	-	-	-	13,948	-	-
6151.1	Power Purchased	1	6,428,516	6,386,119	-	-	-	-	-	-	20,783	21,613	-
6161.1	Power Purchased	1	218,558	217,017	-	-	-	-	-	-	706	734	-
<b>Total Miscellaneous</b>			<b>10,795,753</b>	<b>10,724,555</b>	-	-	-	-	-	-	<b>34,902</b>	<b>36,295</b>	-
<b>Total Source of Supply Expenses</b>			<b>12,233,035</b>	<b>11,738,331</b>	<b>408,175</b>	-	-	-	-	-	<b>41,218</b>	<b>45,138</b>	<b>189</b>
<b>Water Treatment Expenses</b>													
<b>---Operation---</b>													
6013	Operating Labor	2	6,699,126	4,753,633	1,913,940	-	-	-	-	-	15,468	16,085	-
6163	Purchased Power	1	134,425	133,538	3,326	-	-	-	-	-	435	452	-
6183	Chemicals	1	3,349	-	-	-	-	-	-	-	11	-	-
6203	Materials and Supplies	1	5,310,75	5,683,279	-	-	-	-	-	-	18,529	19,268	-
6313	Contractor Services	2	458,951	325,667	131,122	-	-	-	-	-	1,060	1,102	-
6353	Contractor Services - testing	2	-	-	-	-	-	-	-	-	-	-	-
6363	Contractor Services - other	2	298,283	211,688	85,219	-	-	-	-	-	689	716	-
6423	Equipment Rental	2	713,947	506,610	203,975	-	-	-	-	-	1,649	1,714	-
6503	Transportation	2	7,183	5,097	2,082	-	-	-	-	-	17	17	-
6753	Miscellaneous	2	41,744	29,621	11,926	-	-	-	-	-	96	100	-
<b>Total Operation</b>			<b>14,088,083</b>	<b>11,662,429</b>	<b>2,348,234</b>	-	-	-	-	-	<b>37,954</b>	<b>39,465</b>	-
<b>Maintenance</b>													
<b>---Maintenance---</b>													
6014	Maintenance Labor	2	180,766	128,270	51,645	-	-	-	-	-	417	434	-
6204	Materials and Supplies	2	68,215	48,405	19,489	-	-	-	-	-	158	164	-
6314	Contractor Services - Eng	2	-	-	-	-	-	-	-	-	-	-	-
6354	Contractor Services - testing	2	3,225	2,289	922	-	-	-	-	-	7	8	-
6364	Contractor Services - Other	2	1,333,921	1,088,455	438,241	-	-	-	-	-	3,542	3,683	-
6424	Equipment Rental	2	2,250	1,596	643	-	-	-	-	-	5	5	-
6504	Transportation	2	7,688	5,441	2,191	-	-	-	-	-	18	18	-
6754	Miscellaneous	2	-	-	-	-	-	-	-	-	-	-	-
<b>Total Maintenance</b>			<b>1,798,045</b>	<b>1,274,456</b>	<b>513,131</b>	-	-	-	-	-	<b>4,147</b>	<b>4,312</b>	-
<b>Total Water Treatment Expenses</b>			<b>15,884,128</b>	<b>12,936,885</b>	<b>2,881,365</b>	-	-	-	-	-	<b>42,101</b>	<b>43,777</b>	-

AQUA PENNSYLVANIA, INC.  
ALLOCATION OF COST OF SERVICE TO COST FUNCTIONS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

Account Number	Account Description	Factor Ref.	Total Company Test Year (3)	Customer Facilities Services (8)			Customer Accounting Meter Reading (10)			Fire Service Public Fire (11)			Private Fire Residential Fire (12)		
				Base (4)	Max Day (5)	Extra Capacity Max Hour (6)	Meters (7)	Services (8)	Billing and Coll (9)	Meter Reading (10)	Fire (11)	Public Fire (12)	Residential Fire (13)		
<b>Transmission &amp; Distribution Expenses</b>															
60115	Operating Labor	12	551,956	77,219	4,140	67,083	326,979	31,075	-	-	16,890	28,315	276		
	Supervision & Engineering	12	1,059,881	148,277	7,949	128,776	627,873	59,671	-	-	32,432	54,372	530		
	Maps & Records	5	729,218	338,631	-	340,951	-	-	-	-	14,584	25,301	750		
	Storage Facilities	3	175,336	115,728	46,599	418,238	-	-	-	-	4,676	8,094	239		
	12 inch and Over Mains	4	948,331	42,015	-	-	-	-	-	-	38,659	68,242	2,077		
	Under 12 inch Mains	6	242,169	-	-	-	-	-	-	-	23,369	218,800	-		
	Hydrants	7	3,629,384	-	-	-	-	-	-	-	91,021	-	-		
	Removing and Resetting Meters	7	169,045	-	-	-	-	-	-	-	4,239	-	-		
	Miscellaneous Meter Expense	8	366,397	-	-	-	-	-	-	-	14,587	-	-		
65020,2	Services on Customer's Premises	13	636,819	172,578	13,501	138,253	32,096	-	-	-	28,975	99,407	764		
	Operating Labor	1	1,144,897	1,137,347	-	-	-	-	-	-	-	3,701	-	-	
	Purchased Power	1	2,649	2,632	-	-	-	-	-	-	-	9	-	-	
615,15	Purchased Power	12	1,182,071	165,456	8,870	143,694	700,614	66,584	-	-	36,190	60,671	591		
	Materials and Supplies	12	-	-	-	-	-	-	-	-	-	-	-		
620,5	Contractor Services - Eng	12	-	-	-	-	-	-	-	-	-	-	-		
631,5	Contractor Services - Other	12	553,058	77,373	4,148	67,196	327,631	31,137	-	-	16,924	28,372	277		
636,5	Property Rental	12	33,271	4,635	230	4,042	19,710	1,673	-	-	1,018	1,707	17		
641,5	Property & Equipment Rental	12	-	-	-	-	-	-	-	-	-	-	-		
642,5	Transportation	12	969,994	135,660	7,273	117,818	574,446	54,594	-	-	29,673	49,745	485		
650,5	Miscellaneous	12	305	43	2	37	181	17	-	-	9	16	-		
	Total Operation		12,385,980	2,796,614	92,732	1,426,068	6,312,699	748,005	-	-	356,956	646,900	6,006		
<b>Maintenance</b>															
60116	Maintenance Labor	13	155,409	42,116	3,295	33,739	7,833	36,910	-	-	7,071	24,259	186		
	Supervision & Engineering	5	38,912	18,286	-	18,421	-	-	-	-	788	1,367	41		
	Structures & Improvements	3	178,325	117,701	47,393	-	-	-	-	-	4,756	8,232	243		
	12 inch and Over Mains	4	1,056,884	469,123	-	466,029	-	-	-	-	43,077	76,040	2,314		
	Under 12 inch Mains	8	551,925	-	-	-	-	-	-	-	21,974	-	-		
	Services	7	115,403	-	-	-	-	-	-	-	2,882	-	-		
	Hydrants	6	290,764	105,901	8,284	84,838	19,695	82,810	-	-	28,059	262,705	-		
	Materials and Supplies	13	390,778	-	-	-	-	-	-	-	17,780	61,000	409		
620,6	Contractor Services - Eng	13	4,182,317	1,133,408	88,665	907,981	210,789	99,300	-	-	190,295	652,860	5,019		
636,6	Contractor Services - Other	13	-	-	-	-	-	-	-	-	-	-	-		
641,6	Equipment Rental	13	-	-	-	-	-	-	-	-	-	-	-		
650,6	Transportation	13	-	-	-	-	-	-	-	-	-	-	-		
675,6	Miscellaneous	13	6,086	1,649	129	1,321	307	1,446	-	-	277	1,950	7		
	Total Maintenance		6,966,402	1,888,194	147,766	1,512,329	351,035	1,654,416	-	-	316,969	1,087,413	8,279		
<b>Total Transmission and Distribution Expenses</b>															
			19,352,382	4,684,808	240,498	2,938,397	6,663,734	2,402,421	-	-	673,925	1,734,313	14,285		

AQUA PENNSYLVANIA, INC.

ALLOCATION OF COST OF SERVICE TO COST FUNCTIONS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

Account Number	Account Description	Factor Ref.	Company Test Year (3)	Customer Accounting			Customer Facilities Services (8)			Customer Accounting Meter Reading (10)			Fire Service Public Fire (11)			Private Fire Residential Fire (12)				
				Base (4)	Max Day (5)	Extra Capacity Max Hour (6)	Meters (7)	Customer Facilities Services	Billing and Coll. (9)	Customer Accounting Meter Reading (10)	Private Fire (11)	Fire (12)	Customer Accounting Meter Reading (10)	Private Fire (11)	Fire (12)	Customer Accounting Meter Reading (10)	Private Fire (11)	Fire (12)		
601.8	<u>Customer Accounting and Collecting Expenses</u>	11	703,820	-	-	-	-	-	-	533,777	156,626	10,205	211	8	-	-	-	-		
616.7	Labor	1	2,448	2,432	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
620.7	Purchased Power	1	174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
636.7	Materials and Supplies	9	6,367,339	-	-	-	-	-	-	6,273,366	-	92,124	2,350	-	-	-	-	-	-	
636.7	Contractor Services - Billing	9	2,773,240	-	-	-	-	-	-	-	2,733,105	40,134	-	-	-	-	-	-	-	
650.7	Transportation	9	-	-	-	-	-	-	-	-	-	-	42,085	1,073	-	-	-	-	-	
670.7	Bad Debt Expense	9	2,905,023	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
675.7	Miscellaneous	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Total Customer Accounting and Collecting Expenses	12,756,543	2,432	-	-	-	-	-	-	9,673,178	2,892,731	184,559	3,642	-	-	-	-	-	-	
	<u>Administrative and General Expenses</u>	14	14,894,959	4,097,603	1,233,303	1,032,221	2,339,998	843,055	3,397,540	1,015,836	309,815	621,120	4,468	-	-	-	-	-	-	
603.8	Offices Labor	14	3,589,330	980,203	298,033	249,441	565,470	203,728	821,030	245,481	74,868	150,096	1,080	-	-	-	-	-	-	
604.8	Employee Health Plans	16	17,954,996	5,820,912	1,840,356	1,400,466	3,757,918	1,066,509	2,212,019	667,733	382,435	806,166	7,182	-	-	-	-	-	-	
615.8	Purchased Power	1	24,1594	24,001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
616.8	Materials and Supplies	1	88,400	87,817	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
620.8	Contractor Services - Engineering	14	99,108	27,285	8,206	6,688	15,570	5,610	22,607	6,759	10,640	35,586	30	4,133	-	-	-	-	-	
631.8	Contractor Services - Accounting	14	156,010	42,918	12,918	10,812	24,509	8,830	41,155	185,855	49,585	15,124	32,455	6,506	47	-	-	-	-	
632.8	Contractor Services - Legal	14	722,117	200,030	60,205	50,389	114,230	44,662	101,247	36,477	147,005	43,953	13,405	26,875	193	-	-	-	-	
633.8	Contractor Services - Audit Fee	14	18,159,555	4,985,721	53,363	1,503,619	1,258,464	2,852,882	1,027,836	4,142,217	1,238,488	377,721	757,258	5,448	-	-	-	-	-	-
634.8	Contractor Services - Other	14	1,706,821	489,546	141,325	118,283	268,142	96,606	399,326	16,405	35,502	71,174	512	-	-	-	-	-	-	
641.8	Rent - Building	14	6,463	1,778	555	448	1,015	366	1,474	441	134	270	2	-	-	-	-	-	-	
642.8	Rent - Equipment	14	33,443	9,145	2,753	2,304	5,233	1,682	7,583	2,267	691	1,386	10	-	-	-	-	-	-	
650.8	Transportation	14	83,970	23,100	6,983	5,819	13,192	4,753	19,154	5,727	1,747	3,502	25	-	-	-	-	-	-	
656.8	Vehicle Insurance	14	235,327	64,738	19,485	16,308	36,970	13,320	53,678	16,049	82,945	98,813	71	-	-	-	-	-	-	
657.8	General Liability Insurance	14	3,987,744	1,097,028	330,185	276,351	626,476	225,706	99,604	271,984	166,289	1,196	-	-	-	-	-	-	-	
658.8	AGC Workers Comp Insurance	16	1,089,288	352,823	111,550	84,887	227,779	64,644	134,077	334,376	98,976	30,491	440	435	-	-	-	-	-	
659.8	AGC General Liability Insurance	14	1,465,817	403,274	121,378	101,558	230,296	82,971	123,129	60,129	61,129	12,320	89	-	-	-	-	-	-	
660.8	Advertising	14	295,951	81,334	24,480	20,489	46,444	16,734	67,438	20,163	61,150	6,150	-	-	-	-	-	-	-	
666.8	Rate Case Authorization	19	679,553	322,819	55,927	52,749	70,741	56,911	56,924	10,873	19,367	9,494	680	-	-	-	-	-	-	
676.21	Labor (Transfrd?)	15	(2,184,293)	(837,395)	(161,626)	(132,795)	(311,675)	(107,241)	(394,235)	(17,943)	(40,188)	(655)	-	-	-	-	-	-	-	
676.22	Employee Benefits (Transfrd?)	15	(7,310,987)	(2,802,691)	(774,165)	(443,497)	(122,788)	(104,151)	(38,926)	(1,319,473)	(134,506)	(269,012)	(2,193)	-	-	-	-	-	-	-
676.24	Other (Transfrd?)	15	(20,19,211)	(214,754)	82,337	15,882	30,646	10,544	38,763	(98,143)	(37,153)	(74,307)	(606)	64	-	-	-	-	-	-
404.8	Amortization of UPA	15	(1,229,119)	(547,541)	(105,681)	(86,830)	(203,793)	(70,121)	(257,776)	(11,597)	(26,277)	(52,555)	(428)	-	-	-	-	-	-	-
675.8	Employee Benefits (Transfrd?)	14	3,179,006	874,710	263,271	220,347	499,516	179,966	725,268	(77,118)	(26,277)	(66,136)	(954)	-	-	-	-	-	-	-
	Subtotal Administrative and General	56,801,227	15,470,605	5,146,061	4,253,841	9,981,506	3,352,072	11,325,072	3,384,996	1,216,807	2,451,077	19,262	-	-	-	-	-	-	-	
	<b>Total Operation &amp; Maintenance Expenses</b>	116,827,315	44,833,061	8,656,099	7,192,238	16,645,239	5,754,493	20,998,250	6,277,727	2,158,610	4,277,947	33,716	-	-	-	-	-	-	-	

AQUA PENNSYLVANIA, INC.

ALLOCATION OF COST OF SERVICE TO COST FUNCTIONS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

Account Number	Account Description	Factor Ref.	Total Company Test Year (3)	Customer Accounting			Customer Facilities Services (8)	Billing and Coll. (9)	Customer Meter Reading (10)	Private Fire (11)	Fire Service Public Fire (12)	Residential Fire (13)
				Base (4)	Max Day (5)	Extra Capacity Max Hour (6)						
<b>DEPRECIATION EXPENSE</b>												
304.20	Power and Pumping Structures	2	531,248	376,968	151,778	-	-	-	-	1,227	1,276	-
	Major Treatment Plants	3	1,149,507	758,715	305,501	-	-	-	-	30,655	53,067	1,569
304.30	Purification Buildings	2	4,556,889	3,233,594	1,301,932	-	-	-	-	10,522	10,941	-
	Major Treatment Plants	2	1,774,443	1,259,198	506,987	-	-	-	-	4,097	4,261	-
	Other Structures	3	2,825,765	722,348	217,413	181,966	412,508	148,618	598,937	178,077	54,616	-
304.61	Office Buildings	14	216,154	59,657	17,956	15,028	34,088	12,274	49,464	14,789	108,494	788
304.62	Stores, Shop and Garage Bldgs.	14	1,267,185	348,603	104,923	67,816	199,076	71,723	239,045	45,511	9,043	65
304.63	Misc. Structures and Imp.	1	978,197	972,342	-	-	-	-	-	26,357	52,842	380
306.00	Collecting & Impounding Res.	1	741,621	530,504	213,595	-	-	-	-	3,164	3,291	-
	Lake, River and Other Inakes	2	1,692,728	1,201,143	483,612	-	-	-	-	1,726	1,795	-
	Wells and Springs	3	1,664,656	1,230,738	495,564	-	-	-	-	3,909	4,064	-
310.40	Other Power Producing Equipment	3	3,050,399	2,013,370	810,695	-	-	-	-	49,727	86,082	2,545
311.00	Electric Pumping Equipment	3	4,310,321	3,058,561	1,231,459	-	-	-	-	81,348	140,822	4,164
320.00	Purification System	2	1,043,659	740,570	288,173	-	-	-	-	9,953	10,349	-
	Structures	2	3,007,902	2,134,377	859,356	-	-	-	-	2,410	2,506	-
	Wells and Boosters	2	-	-	-	-	-	-	-	6,945	7,222	-
	Equipment	2	-	-	-	-	-	-	-	-	-	-
	Computers	2	-	-	-	-	-	-	-	-	-	-
	Painting	2	8,962	6,359	2,560	-	-	-	-	21	22	-
330.00	Filter Media	2	-	-	-	-	-	-	-	-	-	-
	Distr. Reservoirs & Standpipes	5	1,556,596	731,879	-	736,893	-	-	-	31,520	54,683	1,622
	Tanks	5	5,263,449	2,474,763	-	2,491,717	-	-	-	106,580	184,905	5,485
331.00	Tank Painting	5	7,194,577	4,748,673	1,912,081	-	17,094,468	-	-	181,865	332,138	9,821
	Mains and Accessories	3	38,756,339	17,207,948	-	-	-	-	-	1,580,108	2,788,238	84,877
	12 inch and Over	4	8,419,666	-	-	-	-	-	-	-	-	-
333.00	Under 12 inch	8	-	-	-	-	-	-	-	335,220	-	-

AQUA PENNSYLVANIA, INC.

ALLOCATION OF COST OF SERVICE TO COST FUNCTIONS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

Account Number	Account Description	Factor Ref.	Total Company Test Year (3)	Customer Facilities			Customer Accounting Billing and Coll (9)	Fire Service Meter Reading (10)	Private Fire (11)	Public Fire (12)	Residential Fire (13)
				Base (4)	Max Day (5)	Extra Capacity Max Hour (6)					
334.00	Meters	(2)	4,150,283	-	-	-	4,046,198	-	-	104,085	-
	Remote	7	1,787,517	-	-	-	1,787,517	-	-	-	-
335.00	Fire Hydrants	7A	6	1,818,125	-	-	-	-	-	175,526	1,643,399
339.00	Back Flow Prevention Devices	7	10,160	-	-	-	9,905	-	-	255	-
340.00	Other Plant and Miscellaneous	14	-	-	-	-	-	-	-	-	-
340.00	Office Furniture and Equipment										
	Furniture	14	433,785	119,334	35,917	30,061	24,552	98,946	9,023	29,584	18,089
	Mechanical Equipment	14	216,161	59,631	17,948	15,022	34,053	12,289	4,509	14,783	9,039
	Computers	14	15,303,289	4,209,935	1,267,112	1,060,518	2,404,147	866,166	3,490,680	1,043,684	318,308
341.00	Transportation Equipment										
	Vehicles	14	2,646,549	728,086	219,134	183,406	415,773	149,795	603,678	180,495	55,048
	Other	14	203,936	56,103	16,886	14,133	32,038	11,1543	46,518	4,242	110,361
	Stores Equipment	14	198,759	54,954	16,540	13,843	31,382	11,306	45,565	13,908	8,504
342.00	Shop Equipment										
	Shop Equipment	14	50,087	13,779	4,147	3,471	7,869	2,835	3,416	11,425	2,089
	Tools & Work Equipment - General	14	981,404	269,984	81,260	68,011	154,179	55,547	223,858	66,932	20,413
343.20	Laboratory Equipment	0	-	-	-	-	-	-	-	-	40,925
344.00	Conventional	2	56,085	39,797	16,023	-	-	-	-	130	135
	Electronic	2	169,175	120,045	48,333	-	-	-	-	391	406
346.00	Communication Equipment										
	Communication Equipment	14	955,067	282,739	79,080	66,186	150,041	54,057	217,851	65,136	19,865
	Laboratory Equipment	3	3,068,003	2,024,989	815,374	-	-	-	-	81,818	39,826
347	Miscellaneous Equipment	14	95,888	26,379	7,940	6,645	15,084	5,427	21,872	6,540	141,634
348	Other Tangible Plant	14	1,642	452	136	114	258	93	375	112	3,994
	<b>Total Depreciation Expense</b>		<b>122,166,578</b>	<b>51,796,487</b>	<b>11,539,417</b>	<b>22,069,298</b>	<b>9,802,223</b>	<b>9,510,851</b>	<b>5,747,657</b>	<b>1,718,502</b>	<b>3,337,319</b>
											<b>6,522,992</b>
											<b>121,830</b>

AQUA PENNSYLVANIA, INC.

ALLOCATION OF COST OF SERVICE TO COST FUNCTIONS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

Account Number (1)	Account Description (2)	Factor Ref. (2)	Total Company Test Year (3)	Customer Facilities			Customer Accounting Billing and Coll (8)	Meter Reading (10)	Private Fire (11)	Fire Service Public Fire (12)	Residential Fire (13)
				Base (4)	Max Day (5)	Extra Capacity Max Hour (6)	Meters (7)				
<b>TAXES OTHER THAN INCOME TAXES</b>											
Federal and State Payroll Taxes	16	3,163,655	1,025,657	324,275	246,785	662,153	187,921	389,762	116,423	67,386	142,048
State Capital Stock Tax	18	-	1,120,890	-	214,085	487,989	270,793	-	-	-	-
PUC Assessment	19	2,601,276	485,464	86,982	188,294	110,034	217,467	39,428	41,620	74,136	32,516
OCA and SDA Assessments	19	1,057,005	482,845	86,609	252,101	127,520	271,513	88,386	56,655	30,125	13,213
Local Property Taxes	18	1,073,227	387,360	1,127,520	121,440	470,400	54,240	105,176	12,127	3,649	6,291
Public Utility Retailer Taxes	18	4,860,000	2,159,520	-	-	-	-	-	16,320	156,000	300,960
<b>Total Taxes Other Than Income Taxes</b>		12,695,163	5,244,376	1,099,321	2,312,679	1,191,573	1,069,330	632,212	194,924	362,527	556,028
<b>INCOME TAXES</b>											
Federal Income Taxes	18	25,270,306	11,369,111	2,039,314	5,935,995	639,339	2,476,490	285,554	85,919	821,285	1,584,448
State Income Taxes	18	12,214,337	5,495,230	985,687	2,869,148	309,023	1,197,005	138,022	41,529	396,966	765,839
Deferred Taxes	18	(5,608,906)	(2,523,447)	(452,639)	(1,317,532)	(141,905)	(549,673)	(19,070)	(19,070)	(182,289)	(351,678)
ITC-Amortized	18	(253,413)	(114,011)	(20,450)	(59,527)	(6,411)	(24,834)	(2,884)	(8,822)	(8,236)	(15,889)
<b>Total Income Taxes</b>		31,222,224	14,226,883	2,551,922	7,428,084	800,046	3,098,988	337,331	107,516	1,027,726	1,982,720
<b>UTILITY OPERATING INCOME</b>											
<b>Total Cost of Service</b>		18	291,714,756	131,242,469	23,541,381	68,523,796	7,380,383	28,588,046	3,296,377	99,830	9,480,730
			575,026,137	247,343,286	47,388,140	107,526,095	35,819,464	48,021,708	31,051,827	9,290,499	16,366,912
<b>Less:</b>											
Other Water Revenues	19	(1,316,893)	(568,085)	(108,504)	(247,390)	(137,245)	(110,218)	(70,666)	(21,094)	(37,574)	(16,480)
Revenues from Contract Sales	19	(7,566,000)	(3,260,491)	(622,739)	(1,419,513)	(787,693)	(632,576)	(455,575)	(121,087)	(215,651)	(94,584)
Unrecovered Public Fire	20	-	-	-	-	-	-	-	-	-	(24,365,203)
Relocate Uncovered Public Fire	21	-	-	-	-	-	-	-	-	-	-
<b>Total Cost of Service Related to Sales</b>			566,141,044	243,514,700	46,656,807	105,859,252	59,260,729	47,278,914	30,575,596	9,148,338	16,113,687
<b>Act 11</b>			20,838,897	9,357,607	1,792,897	4,067,883	2,277,228	1,816,800	1,174,936	35,546	
<b>Total Cost of Service</b>			56,879,841	252,872,307	48,449,794	109,927,135	61,537,957	49,095,714	31,750,522	9,493,884	16,113,687
											7,152,935
											579,557

RS2

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS2. Provide a listing of negotiated special rate contracts which includes a comparison of revenues under special rate contracts and under tariff rates. Provide the cost of service treatment of any deficiency in revenues resulting from the negotiated special rate contracts. Special rates are defined as rates not contained in the currently effective tariff.

RESPONSE

Please refer to the attached schedules for the comparison of the present and proposed tariff revenues with contract revenues for the contract customers.

AQUA PENNSYLVANIA, INC.

**CONTRACTS**  
**APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2018**

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<b><u>Industrial Contract - Mt. Carmel</u></b>						
<b>TARIFF RATES</b>						
Customer Charge						
1-inch	12	-	\$ 52.50	\$ 630	\$ 65.30	\$ 784
1 1/2-inch	12	-	101.10	1,213	125.80	1,510
6-inch	24	-	970.00	23,377	\$ 1,207.00	29,089
Subtotal	48	-		\$ 25,220		\$ 31,383
Consumption						
1st block		1,200	1.1900	\$ 1,428	1.4814	\$ 1,778
2nd block		2,796	1.0455	2,923	1.3015	3,639
3rd block		36,000	0.8673	31,223	1.0798	38,873
4th block		360,000	0.7938	285,768	0.9883	355,788
5th block		800,004	0.7455	596,403	0.9866	789,284
6th block		-	0.5963	-	0.7892	-
Subtotal Consumption		1,200,000		\$ 917,745		\$ 1,189,362
Total Tariff Revenue	48	1,200,000		\$ 942,965		\$ 1,220,745
<b>CONTRACT RATES</b>						
Customer Charge						
1-inch (Apr. '20 - Dec. '20)	2		\$ 52.50	\$ 105	\$ 65.30	\$ 131
1 1/2-inch (Apr. '20 - Dec. '20)	2		101.10	202	125.80	252
6-inch (Apr. '20 - Dec. '20)	4		970.00	3,880	1,207.00	4,828
1-inch (Jan '21 - Mar. '21)	10		52.50	525	65.30	653
1 1/2-inch (Jan '21 - Mar. '21)	10		101.10	1,011	125.80	1,258
6-inch (Jan '21 - Mar. '21)	20		970.00	19,497	1,207.00	24,261
Subtotal	48	-		25,220		\$ 31,383
Minimum 100,000 100 gallons						
All Usage (Apr. '20 - Dec. '20)		13,840	0.3020	\$ 4,180	0.3080	\$ 4,263
All Usage (Jan. '21 - Mar '21)		55,216	0.3080	17,007	0.3080	17,007
Subtotal		69,056		21,187		21,270
Total Contract	48	69,056		\$ 46,407		\$ 52,653
<b><u>Industrial Contract - Covanta</u></b>						
<b>TARIFF RATES</b>						
Customer Charge						
6-inch	12	-	\$ 970.00	\$ 11,640	\$ 1,207.00	\$ 14,484
Consumption						
1st block		1,200	1.1900	\$ 1,428	1.4814	\$ 1,778
2nd block		2,796	1.0455	2,923	1.3015	3,639
3rd block		36,000	0.8673	31,223	1.0798	38,873
4th block		360,000	0.7938	285,768	0.9883	355,788
5th block		800,004	0.7455	596,403	0.9866	789,284
6th block		832,600	0.5963	496,479	0.7892	657,088
Subtotal Consumption		2,032,600		\$ 1,414,224		\$ 1,846,450
Total Tariff Revenue	12	2,032,600		\$ 1,425,864		\$ 1,860,934
<b>CONTRACT RATES</b>						
Customer Charge						
6-inch (Apr. '20 - Dec. '20)	9	1,080,000	\$ 39,480.00	\$ 355,320	\$ 40,680.00	\$ 366,120
6-inch (Jan. '21 - Mar. '21)	3	360,000	40,680.00	122,040	40,680.00	122,040
Subtotal	12	1,440,000		477,360		488,160
Allowance 120,000 100 gallons						
All Usage (Apr. '20 - Dec. '20)		74,400	0.3390	\$ 25,222	0.3390	\$ 25,222
All Usage (Jan. '21 - Mar. '21)		518,200	0.3390	175,670	0.3390	175,670
Subtotal		592,600		200,892		200,892
Total Contract	12	2,032,600		\$ 678,252		\$ 689,052

AQUA PENNSYLVANIA, INC.

**CONTRACTS**  
**APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2018**

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<b><u>Industrial Contract - Liberty Power</u></b>						
<b>TARIFF RATES</b>						
Customer Charge 10-inch	12	-	\$ 2,508.00	\$ 30,096	\$ 3,121.00	\$ 37,452
Consumption						
1st block		1,200	1.1900	\$ 1,428	1.4814	\$ 1,778
2nd block		2,796	1.0455	2,923	1.3015	3,639
3rd block		36,000	0.8673	31,223	1.0798	38,873
4th block		360,000	0.7938	285,768	0.9883	355,788
5th block		800,004	0.7455	596,403	0.9866	789,284
6th block		8,176,350	0.5963	4,875,558	0.7892	6,452,775
Subtotal Consumption		9,376,350		\$ 5,793,303		\$ 7,642,137
Total Industrial	12	9,376,350		\$ 5,823,399		\$ 7,679,589
<b>CONTRACT RATES</b>						
Customer Charge						
10-inch (Apr. '20 - Dec. '20)	9		\$ 94,747.44	\$ 852,727	\$ 95,486.79	\$ 859,381
10-inch (Jan. '21 - Mar. '21)	3	-	\$ 95,486.79	\$ 286,460	\$ 95,486.79	\$ 286,460
Subtotal	12	-		\$ 1,139,187		\$ 1,145,841
All Usage		9,376,350	0.0990	\$ 928,259	0.0990	\$ 928,259
Total Contract	12	9,376,350		2,067,446		2,074,100

AQUA PENNSYLVANIA, INC.

**CONTRACTS**  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2018

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<b><u>Public Contract - Canaan Federal Prison</u></b>						
<b>TARIFF RATES</b>						
Customer Charge 8-inch	12	-	\$ 1,697.00	\$ 20,364	\$ 2,112.00	\$ 25,344
1st block		1,200	1.1900	1,428	1.4814	1,778
2nd block		2,796	1.0455	2,923	1.3015	3,639
3rd block		36,000	0.8573	30,863	1.0674	38,426
Over		822,614	0.7847	645,505	0.9769	803,612
Subtotal Consumption		862,610		680,719		847,455
Total Contract	12	862,610		\$ 701,083		\$ 872,799
<b>CONTRACT RATES</b>						
Customer Charge 8-inch	12	540,000	\$ 25,227.82	\$ 302,734	\$ 25,227.82	\$ 302,734
Allowance 45,000 100 gallons						
1st block		322,610	0.1410	\$ 45,488	0.1410	\$ 45,488
Total Contract	12	862,610		\$ 348,222		\$ 348,222
<b><u>Public Contract - SCI Forest County Prison</u></b>						
<b>TARIFF RATES</b>						
Customer Charge 4-inch	11	-	\$ 470.00	\$ 5,217	\$ 585.00	\$ 6,494
1st block		1,000	1.1900	1,190	1.4814	1,481
2nd block		2,330	1.0455	2,436	1.3015	3,032
3rd block		30,000	0.8573	25,719	1.0674	32,022
Over		1,000,643	0.7847	785,205	0.9769	977,528
Subtotal Consumption		1,033,973		814,550		1,014,064
Total Contract	11	1,033,973		\$ 819,767		\$ 1,020,558
<b>CONTRACT RATES</b>						
Customer Charge 4-inch	11		\$ 470.00	\$ 5,217	\$ 585.00	\$ 6,494
1st block		1,113	1.1900	\$ 1,325	1.4814	\$ 1,649
2nd block		2,594	1.0455	2,712	1.3015	3,376
3rd block		33,400	0.8573	28,634	1.0674	35,651
Over		810,426	0.7847	635,941	0.9769	791,705
Consumption True Up		186,440	0.7847	146,299	0.9769	182,133
Total Contract		1,033,973		814,911		1,014,515
Total SCI Forest Contract	11	1,033,973		\$ 820,128		\$ 1,021,008

AQUA PENNSYLVANIA, INC.

**CONTRACTS**  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2018

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<b><u>Public Contract - SCI Waymart</u></b>						
<b>TARIFF RATES</b>						
Customer Charge 8-inch	12	-	\$ 1,508.00	\$ 18,094	\$ 1,744.00	20,926
1st block		1,200	\$ 1.0000	1,200	\$ 1.2490	1,499
2nd block		2,796	0.8785	2,456	1.0973	3,068
3rd block		36,000	0.7288	26,237	0.9104	32,774
Over		659,434	0.6668	439,711	0.8330	549,309
Subtotal Consumption		699,430		469,604		586,650
Total Contract	12	699,430		\$ 487,698		\$ 607,575
<b>CONTRACT RATES</b>						
Customer Charge 8-inch (Apr. '20 - Dec. '20)	9	438,400	\$ 4,980.12	\$ 44,857	\$ 5,035.78	\$ 45,358
8-inch (Jan. '21 - Mar. '21)	3	145,600	5,035.78	15,064	5,035.78	15,064
Subtotal	12	584,000		59,921		60,423
Allowance 48,000 100 gallons						
All Usage (Apr. '20 - Dec. '20)		102,990	0.1810	\$ 18,641	0.1810	\$ 18,641
All Usage (Jan. '21 - Mar. '21)		12,440	0.1810	2,252	0.1810	2,252
Subtotal		115,430		20,893		20,893
Total Contract	12	699,430		80,814		81,316

AQUA PENNSYLVANIA, INC.

CONTRACTS

APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2018

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Consumption, 100 Gallons (6)	Proposed Rate (7)	Proposed Revenue (8)
<b><u>Sales for Resale Contract - United Water PA</u></b>							
<b>TARIFF RATES</b>							
Customer Charge 2-inch	12		\$ 143.90	\$ 1,727	-	\$ 179.10	\$ 2,149
1st block		32,510	\$ 1.1900	38,687	32,510	1.4814	48,160
Total	12	32,510		\$ 40,414			\$ 50,310
<b>CONTRACT RATE</b>							
Customer Charge 2-inch	12	32,510	\$ 4,415.90	\$ 52,991	32,510	\$ 4,415.90	\$ 52,991
1st block		-	0.3250	\$ -	-	0.3250	-
2nd block		-	0.2500	\$ -	-	0.2500	-
Total United Water Contract	12	32,510		\$ 52,991	32,510		\$ 52,991
<b><u>Sales for Resale Contract - Chemung</u></b>							
<b>TARIFF RATES</b>							
Customer Charge 10-inch	12		\$ 2,508.00	\$ 29,845	-	\$ 3,121.00	\$ 37,140
1st block		14,495	\$ 1.1900	17,249	14,495	1.4814	21,473
Total	12	14,495		\$ 47,094			\$ 58,613
<b>CONTRACT RATE</b>							
Customer Charge 10-inch	12		\$ 548.30	\$ 6,525		\$ 548.30	\$ 6,525
1st block		14,495	0.6640	\$ 9,625	14,495	0.6640	9,625
Total Contract	12	14,495		\$ 16,150	14,495		\$ 16,149

AQUA PENNSYLVANIA, INC.

CONTRACTS  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2018

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Consumption, 100 Gallons (6)	Proposed Rate (7)	Proposed Revenue (8)
<b>Sales for Resale Contract - New Wilmington</b>							
<b>TARIFF RATES</b>							
Customer Charge 4-inch	26		\$ 470.00	\$ 12,173	-	\$ 585.00	\$ 15,152
1st block		559,140	\$ 1.1900	665,377	559,140	1.4814	828,310
Total	26	559,140		\$ 677,550			\$ 843,461
<b>CONTRACT RATE</b>							
Customer Charge 4-inch	26		\$ 470.00	\$ 12,173		\$ 585.00	\$ 15,152
1st block		559,140	0.5660	\$ 316,473	559,140	0.5660	316,473
Total Contract	26	559,140		\$ 328,646	559,140		\$ 331,625
<b>Sales for Resale Contract - Warwick</b>							
<b>TARIFF RATES</b>							
Customer Charge 8-inch	12		\$ 1,697.00	\$ 20,364	-	\$ 2,112.00	\$ 25,344
1st block		2,677,200	\$ 1.1900	3,185,868	2,677,200	1.4814	3,966,004
Total	12	2,677,200		\$ 3,206,232			\$ 3,991,348
<b>CONTRACT RATE</b>							
Customer Charge 8-inch (Apr. '20 - Nov. '20)	9	1,620,000	\$ 45,721.69	\$ 411,495	1,620,000	\$ 46,092.68	\$ 414,834
8-inch (Dec. '20 - Mar. '21)	3	540,000	46,092.68	138,278	540,000	46,092.68	138,278
Subtotal	12	2,160,000		\$ 549,773	2,160,000		\$ 553,112
Allowance 180,000 100 Gallons							
1st block (Apr. '20 - Nov. '20)		395,590	-	-	395,590	-	-
2nd block (Apr. '20 - Nov. '20)		49,550	-	-	49,550	-	-
1st block (Dec. '20 - Mar. '21)		72,060	-	-	72,060	-	-
2nd block (Dec. '20 - Mar. '21)		-	-	-	-	-	-
		517,200			517,200		
Total Contract	12	2,677,200		\$ 549,773	2,677,200		\$ 553,112
<b>Sales for Resale Contract - Borough of Sharpsville</b>							
<b>TARIFF RATES</b>							
Customer Charge 8-inch	25		\$ 1,697.00	\$ 42,425	-	\$ 2,112.00	\$ 52,800
1st block		1,783,790	\$ 1.1900	2,122,710	1,783,790	1.4814	2,642,506
Total	25	1,783,790		\$ 2,165,135			\$ 2,695,306
<b>CONTRACT RATE</b>							
Customer Charge 8-inch	25	-	\$ 1,697.00	\$ 42,425		\$ 2,112.00	\$ 52,800
All Consumption (Apr. '20 - Nov. '20)		1,240,510	0.2400	\$ 297,722	1,240,510	0.2430	301,444
All Consumption (Dec. '20 - Mar. '21)		543,280	0.2430	132,017	543,280	0.2430	132,017
Subtotal		1,783,790		\$ 429,739	1,783,790		\$ 433,461
Total Sharpsville Contract	25	1,783,790		\$ 472,164	1,783,790		\$ 486,261

AQUA PENNSYLVANIA, INC.

**CONTRACTS**  
**APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2018**

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Consumption, 100 Gallons (6)	Proposed Rate (7)	Proposed Revenue (8)
<b>Sales for Resale Contract - Hubbard Township</b>							
<b>TARIFF RATES</b>							
Customer Charge 8-inch	12		\$ 1,697.00	\$ 20,364	-	\$ 2,112.00	\$ 25,344
1st block		2,817,700	\$ 1.1900	3,353,063	2,817,700	1.4814	4,174,141
Total	12	2,817,700		\$ 3,373,427			\$ 4,199,485
<b>CONTRACT RATE</b>							
Customer Charge 6-inch (Apr. '20 - Nov. '20) 6-inch (Dec. '20 - Mar. '21)	7 5 Subtotal	- - -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -	\$ - \$ - \$ -
All Usage (Apr. '20 - Nov. '20) All Usage (Dec. '20 - Mar. '21) Subtotal		1,687,300 1,130,400 2,817,700	0.2290 0.2320	\$ 386,392 \$ 262,253 \$ 648,645	1,687,300 1,130,400 2,817,700	0.2320 0.2320	\$ 391,454 \$ 262,253 \$ 653,706
Total Hubbard Contract	12	2,817,700		\$ 648,645	2,817,700		\$ 653,706
Customer Charge							
<b>Sales for Resale Contract - Horsham</b>							
<b>TARIFF RATES</b>							
Customer Charge 6-inch	12		\$ 970.00	\$ 11,640		\$ 1,207.00	\$ 14,484
1st block		258,780	\$ 1.1900	307,948	182,500	1.4814	270,356
Total	12	258,780		\$ 319,588			\$ 284,840
<b>CONTRACT RATE</b>							
Customer Charge 6-inch 6-inch Subtotal	12 12 12	- - -	\$ 970.00 \$ - \$ -	\$ 11,640 \$ - \$ 11,640		\$ 1,207.00 \$ - \$ 1,207.00	\$ 14,484 \$ - \$ 14,484
Monthly Minimum (Aug. '20 - Nov. '20) Monthly Minimum (Dec. '20 - Dec. '20)		135,300 123,480	0.7050 0.7190	\$ 95,387 \$ 88,782		- -	\$ - -
Block 1 (Apr. '21 - Jun. '21) Block 1 (Jul '21 - Mar. '22) Block 2 (Apr. '21 - Jun. '21) Block 2 (Jul '21 - Mar. '22) Subtotal			- - - - 258,780		45,000 137,500 0.4740 0.4910	0.7190 0.7440 0.4740 0.4910	32,355 102,300 - -
Total Horsham Contract	12	258,780		\$ 195,809	182,500		\$ 149,139

AQUA PENNSYLVANIA, INC.

**CONTRACTS**  
**APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2018**

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Consumption, 100 Gallons (6)	Proposed Rate (7)	Proposed Revenue (8)
<b>Sales for Resale Contract - Schwenksville</b>							
<b>TARIFF RATES</b>							
Customer Charge 3-inch	11		\$ 289.00	\$ 3,179	-	\$ 360.00	\$ 3,960
1st block		326,435	\$ 1.1900	388,458	326,435	1.4814	483,581
Total	11	326,435		\$ 391,637			\$ 487,541
<b>CONTRACT RATE</b>							
Customer Charge 3-inch	11	280,398	\$ 9,928.00	\$ 109,208	280,398	\$ 10,132.00	\$ 111,452
Subtotal	11	280,398		109,208	280,398		111,452
Allowance 25,500 100 gals./Mo.							
All Usage		46,037	0.3780	17,402	46,037	0.3860	17,770
Subtotal		46,037		17,402	46,037		17,770
Total Schwenksville Contract	11	326,435		\$ 126,610	326,435		\$ 129,222
<b>Sales for Resale Contract - Downingtown</b>							
<b>TARIFF RATES</b>							
Customer Charge 3-inch	6		\$ 289.00	\$ 1,763	-	\$ 360.00	\$ 2,196
1st block		4,670	\$ 1.1900	5,557	4,670	1.4814	6,918
Total	6	4,670		\$ 7,320			\$ 9,114
<b>CONTRACT RATE</b>							
Customer Charge 3-inch	6	-	\$ -	\$ -	-	\$ -	\$ -
1st block		4,670	0.1040	486	4,670	0.1040	486
Total Downingtown Contract	6	4,670		\$ 486	4,670		\$ 486
<b>Sales for Resale Contract - Masury Water Company</b>							
<b>TARIFF RATES</b>							
Customer Charge 6-inch	-		\$ 970.00	\$ -	-	\$ 1,207.00	\$ -
8-inch	12		1,697.00	20,364		2,112.00	25,344
12-inch	24		3,037.50	72,900		3,780.00	90,720
Subtotal	36			93,264			116,064
1st block		878,333	\$ 1.1900	1,045,216	878,333	1.4814	1,301,162
Total	-	878,333		\$ 1,045,216			\$ 1,301,162
<b>CONTRACT RATE</b>							
Customer Charge 6-inch Apr. '20 to May '20	-		\$ 970.00	\$ -		\$ 1,207.00	\$ -
8-inch June '20 to Dec '20	12		1,697.00	20,364		2,112.00	25,344
12-inch June '20 to Dec '20	24		3,037.50	72,900		3,780.00	90,720
Subtotal	36			93,264			116,064
All usage (Jan '20 to June '20)		157,593	0.1876990	29,580	157,593	0.2320000	36,561
All Usage (July '20 to Dec '20)		720,740	0.1875710	135,190	720,740	0.2320000	167,212
		878,333		164,770	878,333		203,773
Total Contract	36	878,333		\$ 258,034	878,333		\$ 319,837

AQUA PENNSYLVANIA, INC.

CONTRACTS  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2018

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Consumption, 100 Gallons (6)	Proposed Rate (7)	Proposed Revenue (8)
<b><u>Sales for Resale Contract - Bristol</u></b>							
<b>TARIFF RATES</b>							
Customer Charge 3-inch	9		\$ 289.00	\$ 2,630	-	\$ 360.00	\$ 3,276
1st block		21,338	\$ 1.1900	25,392	21,338	1.4814	31,610
Total	9	21,338		\$ 28,022			\$ 34,886
<b>CONTRACT RATE</b>							
Customer Charge 3-inch	9	-	\$ -	\$ -		\$ -	\$ -
1st block		21,338	0.6550	13,976	21,338	0.6550	13,976
Total Contract	9	21,338		\$ 13,976	21,338		\$ 13,976

Exhibit 5-B, Part I  
Docket No. R-2021-3027385  
Docket No. R-2021-3027386  
Witness: C.E. Heppenstall

AQUA PENNSYLVANIA, INC.  
BRYN MAWR, PENNSYLVANIA

WASTEWATER OPERATIONS  
COST OF SERVICE ALLOCATION STUDY  
AS OF MARCH 31, 2023



*Excellence Delivered **As Promised***

Exhibit No. 5-B, Part I  
Docket No. R-2021-3027385  
Docket No. R-2021-3027386  
Witness: C.E. Heppenstall

AQUA PENNSYLVANIA, INC.  
Bryn Mawr, Pennsylvania

WASTEWATER OPERATIONS  
COST OF SERVICE ALLOCATION STUDY  
AS OF MARCH 31, 2023

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC  
Camp Hill, Pennsylvania

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PART I

WASTEWATER  
COST OF SERVICE ALLOCATION STUDY

AQUA PENNSYLVANIA, INC.

WASTEWATER OPERATION

WASTEWATER COST OF SERVICE ALLOCATION STUDIES  
AS OF MARCH 31, 2023  
AND PROPOSED CUSTOMER RATES

PLAN OF REPORT

The reports set forth the results of the cost of service allocation studies for the Wastewater Operations based on pro forma costs as of March 31, 2023, for Aqua Pennsylvania, Inc. The studies include cost of service studies for the Company's Wastewater Base Operations and separately for the wastewater divisions of Limerick, East Bradford, Cheltenham, East Norriton and New Garden. The introduction contains statements with respect to the basis of the study, the procedures employed, and a summary of the results of the study. Schedule A of each study summarizes the cost allocation for the wastewater operations and total revenues under present and proposed rates. Cost of Service by Customer Classification of each area presents detailed schedules of the allocation of costs to customer classifications, as well as the basis for the allocations. Schedule WW-F, Comparisons of Present and Proposed Customer Rates, sets forth the proposed rate schedules for wastewater service.

BASIS OF STUDY

The method used for the allocation of wastewater cost of service incorporates the functional cost allocation methodology described in the text "Financing and Charges for Wastewater Systems", Manual of Practice No. 27, published by the Water Environment

Federation. This method is recognized for allocating the cost of providing wastewater service to customer classifications in proportion to the classifications' use of the commodity, facilities, and services. It is generally accepted as a sound method for allocating the cost of wastewater service. Under the functional cost method, costs are assigned to cost components using predominant operational purposes as cost-causative factors.

Each element of the cost of service is allocated to customer classifications according to the functional categories. The cost functions are flow, infiltration and inflow (I&I), customer facilities and customer accounting. The functional costs are allocated to customer classifications based on the amount of flow contributed to the system, the amount of I&I allocated to each class, and the number and relative size of customers.

The results of the allocation of wastewater cost of service is summarized on Schedule A of each study, column 4. The cost allocation results can be compared with revenues under present and proposed rates in columns 6 and 8 of Schedule A. The proposed increase and percentage increase in revenues are shown in columns 10 and 11.

The cost of service by customer classification is developed in Schedule D of each study. The allocation factors referenced in column 2 are applied to the costs by account in column 3. The allocation factors are set forth in Schedule E of each study.

The comparison of present and proposed wastewater rates by wastewater service areas are shown in Schedule WW-F for all areas.

AQUA PENNSYLVANIA, INC  
WASTEWATER BASE OPERATIONS  
COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT AND PROPOSED RATES - WASTEWATER  
FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Customer Classification (1)	Cost of Service			Revenues, Present Rates			Revenues, Proposed Rates			Proposed Increase (11)
	Amount (2)	Act 11 (3)	Revised COS (4)	Percent (5)	Amount (6)	Percent (7)	Amount (8)	Percent (9)		
Residential	\$ 27,146,216	\$ (11,090,005)	\$ 16,056,211	77.3%	\$ 13,419,396	77.1%	\$ 16,055,344	77.3%	\$ 2,635,948	19.6%
Non-Residential	7,066,927	\$ (2,361,993)	\$ 4,704,934	22.7%	3,976,097	22.9%	4,704,934	22.7%	728,838	18.3%
Total Sales	34,213,143	(13,451,997)	20,761,146	<u>100.0%</u>	17,395,492	<u>100.0%</u>	20,760,278	<u>100.0%</u>	3,364,786	19.3%
Contract and Third Party Other Revenues*	1,701,444	1,701,444	1,592,785		1,701,444		1,701,444		108,659	
	<u>23,436</u>	<u>23,436</u>	<u>23,436</u>		<u>23,436</u>		<u>23,436</u>		<u>-</u>	
Total	<u>\$ 35,938,023</u>	<u>\$ 22,486,026</u>	<u>\$ 19,011,714</u>		<u>\$ 22,485,158</u>		<u>\$ 22,485,158</u>		<u>\$ 3,473,445</u>	18.3%

\* Includes Contract Revenue.

AQUA PENNSYLVANIA, INC  
WASTEWATER BASE OPERATIONS

ALLOCATION OF COST OF SERVICE BY FUNCTION TO CUSTOMER CLASSIFICATIONS

Description (1)	Flow		Customer Facilities (5)	Customer Accounting (6)	Total (7)
	Collection (2)	Treatment			
Total Cost of Service	\$ 6,799,715	\$ 9,722,403	\$ 14,882,763	\$ 896,733	\$ 1,911,529
Factor Reference					\$ 34,213,142
Residential Factor Cost of Service	\$ 0.7292	\$ 0.7292	\$ 0.8443	0.9019	
	\$ 4,958,352	\$ 7,089,576	\$ 12,565,516	808,764	1,724,008
					27,146,216
Non-Residential Factor Cost of Service	\$ 0.2708	\$ 0.2708	\$ 0.1557	0.0981	
	\$ 1,841,363	\$ 2,632,827	\$ 2,317,246	87,970	187,521
					\$ 7,066,927
Total	\$ 6,799,715	\$ 9,722,403	\$ 14,882,762	\$ 896,734	\$ 1,911,529
					34,213,143

AQUA PENNSYLVANIA, INC  
WASTEWATER BASE OPERATIONS  
FACTORS FOR ALLOCATING COSTS BY FUNCTION TO CUSTOMER CLASSIFICATIONS

FACTOR A. ALLOCATION OF FLOW COLLECTION COSTS.

Factors are based on the pro forma test year average daily consumption for each customer classification.

Classification (1)	Average Daily Consumption, 100 gallons (2)	Allocation Factor (3)
Residential	17,247	0.7292
Non-Residential	6,404	0.2708
Total	<u>23,651</u>	<u>1.0000</u>

FACTOR A1. ALLOCATION OF FLOW TREATMENT COSTS.

Factors are based on the pro forma test year average daily consumption for each customer

Classification (1)	Average Daily Consumption, 100 gallons (2)	Allocation Factor (3)
Residential	17,247	0.7292
Non-Residential	6,404	0.2708
Total	<u>23,651</u>	<u>1.0000</u>

**AQUA PENNSYLVANIA, INC**  
**WASTEWATER BASE OPERATIONS**  
**FACTORS FOR ALLOCATING COSTS BY FUNCTION TO CUSTOMER CLASSIFICATIONS**

**FACTOR B. ALLOCATION OF COSTS ASSOCIATED WITH BILLING AND COLLECTING.**

Factors are based on the number of customers.

Customer Classification (1)	Number of Customers (2)	Allocation Factor (3)
Residential	15,857	0.9019
Non-Residential	1,726	0.0981
Total	<b><u>17,582</u></b>	<b><u>1.0000</u></b>

**FACTOR C. ALLOCATION OF COSTS ASSOCIATED WITH INFILTRATION AND INFLOW.**

Factors are based on a 1/3-2/3 weighting of flow and number of customers.

Customer Classification (1)	Average Daily Flow Factor A (2)	Average Daily Flow Weight (3)=(2) x 0.3333	Number of Bills Factor C (4)	Number of Bills Weight (5)=(4) x 0.6667	Allocation Factor (6)=(3)+(5)
Residential	0.7292	0.2430	0.9019	0.6013	0.8443
Non-Residential	0.2708	0.0903	0.0981	0.0654	0.1557
Total	<b><u>1.0000</u></b>	<b><u>0.3333</u></b>	<b><u>1.0000</u></b>	<b><u>0.6667</u></b>	<b><u>1.0000</u></b>

AQUA PENNSYLVANIA, INC  
WASTEWATER BASE OPERATIONS  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Account (1)	Factor Ref. (2)	Cost of Service (3)	Collection (4)	Flow (5)	Treatment (5)	Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
<b>OPERATION AND MAINTENANCE EXPENSES</b>								
<b>COLLECTION</b>								
Purchased Power	1	831,466	437,434	0	394,032	0	0	0
Purchased Power	1	51,848	27,277	0	24,571	0	0	0
Supplies	1	88	46	0	42	0	0	0
OS Other	1	184,809	97,228	0	87,581	0	0	0
<b>TOTAL COLLECTION EXPENSE</b>		<b>1,068,211</b>	<b>561,986</b>	<b>0</b>	<b>506,225</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PUMPING</b>								
Labor	1	154,324	81,190	0	73,134	0	0	0
Purchased Power	1	462	243	0	219	0	0	0
Purchased Power	1	4,750	2,499	0	2,251	0	0	0
Supplies	1	133,260	70,108	0	63,152	0	0	0
OS Other	1	339,783	178,760	0	161,023	0	0	0
Other	1	1,211	637	0	574	0	0	0
<b>TOTAL PUMPING EXPENSE</b>		<b>633,791</b>	<b>333,437</b>	<b>0</b>	<b>300,353</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SEWAGE TREATMENT</b>								
Salary and Wages	1A	55,981	0	29,452	26,529	0	0	0
Purchased Wastewater	1A	819,648	0	431,217	388,431	0	0	0
Chemicals	1A	541,099	0	284,672	256,427	0	0	0
Sludge Disposal	1A	1,019,503	0	536,361	483,142	0	0	0
Lab Testing	1A	415,561	0	218,627	196,934	0	0	0
Supplies	1A	1,079	0	568	511	0	0	0
Transportation	1A	33,286	0	17,512	15,774	0	0	0
OS Other	1A	1,159,917	0	610,232	549,685	0	0	0
<b>RECLAIMED WATER TREATMENT</b>								
OS Other	1	166	87	0	78	0	0	0
<b>TOTAL SEWAGE TREATMENT EXPENSE</b>		<b>4,046,238</b>	<b>87</b>	<b>2,128,639</b>	<b>1,917,512</b>	<b>0</b>	<b>0</b>	<b>0</b>

**AQUA PENNSYLVANIA, INC**  
**WASTEWATER BASE OPERATIONS**  
**COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023**

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Infiltration & Inflow (7)			
<b>CUSTOMER ACCOUNTS</b>								
Salary and Wages	3	6,381	0	0	0	0	0	6,381
Other	3	359,192	0	0	0	0	0	359,192
Uncollectible Accounts	3	428,675	0	0	0	0	0	428,675
<b>TOTAL CUSTOMER ACCOUNTING EXPENSE</b>		794,248	0	0	0	0	0	794,248
<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>								
Salaries and Wages	4	1,889,852	258,910	497,976	681,670	0	0	451,297
Employee Benefits	5	1,243,433	200,690	311,356	461,189	0	0	270,198
Supplies	4	0	0	0	0	0	0	0
Accounting	4	37,300	5,110	9,829	13,454	0	0	8,907
Legal	4	(7,828)	(1,072)	(2,063)	(2,824)	0	0	(1,869)
Management Fees	4	714,262	97,854	188,208	257,634	0	0	170,566
Leases	4	74,992	10,274	19,760	27,050	0	0	17,908
Transportation	4	2,579	353	680	930	0	0	616
Insurance other than Group	4	67,350	9,227	17,747	24,293	0	0	16,083
OS Other	4	370,253	50,725	97,562	133,550	0	0	88,416
Amortization of Rate Case Expense	8	25,907	5,132	7,340	11,236	663	0	1,536
Other	4	271,776	37,233	71,613	98,030	0	0	64,900
Employee Benefits	5	(1,155,917)	(186,565)	(289,442)	(428,730)	0	0	(251,181)
<b>TOTAL A &amp; G EXPENSE</b>		3,533,958	487,871	930,564	1,277,483	0	0	837,377
<b>Total Operation &amp; Maintenance Expenses</b>		10,076,445	1,383,381	3,059,203	4,001,573	663	663	1,631,625
<b>DEPRECIATION EXPENSE</b>								
Structures and Improvements								
Collection	1	598,802	315,030	-	283,772	-	-	-
Pumping	1	121,403	63,870	-	57,533	-	-	-
Treatment and Disposal	1A	1,040,622	-	547,471	493,151	-	-	-
Reclaimed Water Treatment	1A	616	-	324	292	-	-	-
General	4	9,983	1,368	2,631	3,601	-	-	2,384

**AQUA PENNSYLVANIA, INC**  
**WASTEWATER BASE OPERATIONS**  
**COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023**

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Infiltration & Inflow (7)			
Power Operating Equipment								
Collection	1	4,411	2,321	-	2,090	-	-	-
Pumping	1	24,383	12,828	-	11,555	-	-	-
Treatment and Disposal	1A	167,342	-	88,039	79,303	-	-	-
Collection Mains - Gravity	1	273,760	144,025	-	129,735	-	-	-
Collection Mains - Force	1	747,291	393,150	-	354,141	-	-	-
Special Collecting Structures	1	4,26	224	-	202	-	-	-
Services	2	164,004	-	-	-	164,004	-	-
Meters	2	36,687	-	-	-	36,687	-	-
Receiving Wells	1	13,171	6,929	-	6,242	-	-	-
Pumping Equipment	1	711,253	374,190	-	337,063	-	-	-
RWT Pumping Equipment	1A	8,734	-	4,595	4,139	-	-	-
Treatment and Disposal Equipment	1A	2,829,214	-	1,488,449	1,340,765	-	-	-
Plant Sewers								
Treatment and Disposal	1A	3,561	-	1,873	1,688	-	-	-
Reclaimed Water Treatment Equipment	1A	189	-	99	90	-	-	-
Outfall Lines	1	6,448	3,392	-	3,056	-	-	-
Other Plant and Misc. Equipment								
Collection	1	34,970	18,398	-	16,572	-	-	-
Pumping	1	3,484	1,833	-	1,651	-	-	-
Treatment and Disposal	1A	347	-	183	164	-	-	-
Office Furniture	4	2,036	279	536	734	-	-	-
Office Equipment	4	42,752	5,857	11,265	15,421	486	10,209	-
Computer Hardware	4	233,164	31,943	61,439	84,102	55,680	-	-
Computer Software	4	104,329	14,293	27,491	37,631	24,914	-	-
Transportation Equipment	4	88,068	12,065	23,206	31,766	21,031	-	-
Stores Equipment	4	569	78	150	205	136	-	-
Tools, Shop and Gargage Equipment	4	59,409	8,139	15,654	21,429	14,187	-	-
Laboratory Equipment	1A	32,047	-	16,860	15,187	1,420	-	-
Power Operated Equipment	4	5,946	815	1,567	2,145	-	-	-
Communication Equipment								
General	4	81,894	11,219	21,579	29,539	-	-	-

**AQUA PENNSYLVANIA, INC**  
**WASTEWATER BASE OPERATIONS**  
**COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023**

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Inflow (6)			
SCADA	4	327,788	44,907	86,372	118,233	-	-	78,276
Miscellaneous Equipment	4	913	125	241	329	-	-	218
Other Tangible Plant	4	-	-	-	-	-	-	-
<b>Total Depreciation Expense</b>		<b>7,780,016</b>	<b>1,467,278</b>	<b>2,400,024</b>	<b>3,483,527</b>	<b>200,691</b>	<b>228,496</b>	
 <b>Taxes Other Than Income</b>								
PUC Assessment	7	162,575	38,579	42,725	73,240	6,649	1,382	
OCA, OSBA Assessment	7	66,061	15,676	17,361	29,760	2,702	562	
Local Property Tax	7	175,853	41,730	46,214	79,222	7,192	1,495	
<b>Total Taxes, Other Than Income</b>		<b>404,489</b>	<b>95,985</b>	<b>106,300</b>	<b>182,222</b>	<b>16,544</b>	<b>3,438</b>	
 <b>Total Operating Expense</b>								
Total Operating Expense		18,260,950	2,946,644	5,565,527	7,667,322	217,898	1,863,559	
Income Taxes	7	2,521,534	598,360	662,659	1,135,951	103,131	21,433	
Utility Income Available for Return	7	15,155,537	3,596,409	3,982,875	6,827,570	619,861	128,822	
<b>Total Cost of Service</b>		<b>35,938,022</b>	<b>7,141,413</b>	<b>10,211,061</b>	<b>15,630,843</b>	<b>940,890</b>	<b>2,013,814</b>	
 <b>Less: Other Revenues</b>								
Contract Revenue	8	331,800	65,730	93,999	143,902	8,494	19,676	
Third Party Sales	8	1,369,644	271,326	388,020	594,014	35,063	81,220	
Other Operating Revenues	8	23,436	4,643	6,640	10,164	600	1,390	
<b>Total Cost of Service Related to Sales of Wastewater Services</b>		<b>34,213,142</b>	<b>6,799,715</b>	<b>9,722,403</b>	<b>14,882,763</b>	<b>896,733</b>	<b>1,911,529</b>	

AQUA PENNSYLVANIA, INC  
WASTEWATER BASE OPERATIONS

FACTORS FOR ALLOCATING COST OF SERVICE TO COST FUNCTIONS

Reference	Flow	Infiltration & Inflow	Customer Facilities	Customer Accounting	Total
Factor 1 - Flow and I&I	0.5261	0.4739			1.0000
Factor 2 - Customer Facilities			1.0000		1.0000
Factor 3 - Customer Accounting				1.0000	1.0000
Factor 4 - O&M Exp less Power and Chemicals					
Cost Factor	455,334 0.1370	1,199,589 0.3607	0 0.0000	794,248 0.2388	3,325,560 1.0000
Factor 5 - Labor Expense					
Cost Factor	340,099 0.1614	781,333 0.3709	0 0.0000	457,678 0.2173	2,106,538 1.0000
Factor 6 - Rate Base less Allocated Costs					
Cost Factor	48,726,722 0.2376	92,431,940 0.4506	8,417,448 0.0410	1,662,370 0.0081	205,125,541 1.0000
Factor 7 - Rate Base					
Cost Factor	47,068,081 0.2373	89,358,720 0.4505	8,117,880 0.0409	1,694,874 0.0085	198,373,000 1.0000
Factor 8 - Total Cost of Service					
Cost Factor	7,272,122 0.1981	15,914,786 0.4337	940,227 0.0256	2,175,042 0.0593	36,697,779 1.0000
Factor 9 - O&M Exp					
Cost Factor	1,514,089 0.1397	4,285,517 0.3955	0 0.0000	1,792,853 0.1655	10,836,202 1.0000

**AQUA PENNSYLVANIA, INC**  
**WASTEWATER BASE OPERATIONS**  
**COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023**

<b>RATE BASE</b>	Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
				Collection (4)	Treatment (5)	Infiltration & Inflow (7)			
Organization	1	1	1,563,234	822,418	0	740,817	0	0	0
Land and Land Rights - Collection	1	1	42,731	22,481	0	20,250	0	0	0
Land and Land Rights - Pumping	1	1	573,539	301,739	0	271,800	0	0	0
Land and Land Rights - Treatment and Disp.	1A	1A	897,482	0	472,165	425,317	0	0	0
Structures and Improvements									
Collection	1	1	21,744,079	11,439,560	0	10,304,519	0	0	0
Pumping	1	1A	4,659,508	2,451,367	0	2,208,141	0	0	0
Treatment and Disposal	1A	28,121,463	0	14,794,702	13,326,761	0	0	0	0
Reclaimed Water Treatment	1A	23,702	0	12,470	11,232	0	0	0	0
General	4	250,542	34,324	66,018	90,370	0	59,829		
Power Operating Equipment									
Collection	1	1	50,294	26,460	0	23,834	0	0	0
Pumping	1	1A	300,558	158,124	0	142,434	0	0	0
Treatment and Disposal	1A	2,809,659	0	1,478,162	1,331,497	0	0	0	0
Collection Mains - Gravity	1	1	12,779,577	6,723,335	0	6,056,242	0	0	0
Collection Mains - Force	1	1	39,020,795	20,528,840	0	18,491,955	0	0	0
Special Collecting Structures	1	1	5,933	3,121	0	2,812	0	0	0
Services	2	2	7,792,176	0	0	0	0	0	0
Meters	2	1	625,272	0	0	0	0	0	0
Receiving Wells	1	1	213,745	112,451	0	101,294	0	0	0
Pumping Equipment	1	1A	9,429,456	4,960,837	0	4,468,619	0	0	0
RWT Pumping Equipment	1A	1A	102,889	0	54,130	48,759	0	0	0
Treatment and Disposal Equipment	1A	1A	66,308,452	0	34,884,877	31,423,575	0	0	0
Plant Sewers									
Treatment and Disposal	1A	1A	82,399	0	43,350	39,049	0	0	0
Reclaimed Water Treatment Equipment	1A	1A	4,435	0	2,333	2,102	0	0	0
Outfall Lines	1	1	173,111	91,074	0	82,037	0	0	0
Other Plant and Misc. Equipment									
Collection	1	1	221,024	116,281	0	104,743	0	0	0
Pumping	1	1A	28,378	14,930	0	13,448	0	0	0
Treatment and Disposal	1A	3,619	0	1,904	1,715	0			

**AQUA PENNSYLVANIA, INC**  
**WASTEWATER BASE OPERATIONS**  
**COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023**

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Inflow (6)			
Office Furniture	4	35,992	4,931	9,484	12,982	0	0	8,595
Office Equipment	4	135,005	18,496	35,574	48,696	0	0	32,239
Computer Hardware	4	661,250	90,591	174,239	238,513	0	0	157,907
Computer Software	4	838,447	114,867	220,931	302,428	0	0	200,221
Transportation Equipment	4	917,791	125,737	241,838	331,047	0	0	219,168
Stores Equipment	4	2,382	326	628	859	0	0	569
Tools, Shop and Garage Equipment	4	913,716	125,179	240,764	329,577	0	0	218,195
Laboratory Equipment	1A	586,681	0	308,653	278,028	0	0	0
Power Operated Equipment	4	39,528	5,415	10,416	14,258	0	0	9,439
Communication Equipment	4	871,424	119,385	229,620	314,323	0	0	208,096
General	4	2,282,223	312,665	601,366	823,198	0	0	544,995
SCADA	4	13,049	1,788	3,438	4,707	0	0	3,116
Miscellaneous Equipment	4	0	0	0	0	0	0	0
Other Tangible Plant	4							
<b>TOTAL UTILITY PLANT IN SERVICE SEWER</b>		<b>\$ 205,125,541</b>	<b>\$ 48,726,722</b>	<b>\$ 53,887,060</b>	<b>\$ 92,431,940</b>	<b>\$ 8,417,448</b>	<b>\$ 1,662,370</b>	
Other Rate Base Items:								
Acquisition Adjustment	6	1,335,224	317,249	350,763	601,652	54,744	0	10,815
Working Capital	9	554,000	77,394	165,812	219,107	(354,312)	(354,312)	91,687
Customer Contributions	6	(8,641,765)	(2,053,283)	(2,270,192)	(3,893,979)			(69,998)
Total Other Rate Base Elements		<b>(6,752,541)</b>	<b>(1,658,640)</b>	<b>(1,753,616)</b>	<b>(3,073,220)</b>	<b>(299,568)</b>	<b>32,504</b>	
<b>Total Original Cost Measure of Value</b>		<b>198,373,000</b>	<b>47,068,081</b>	<b>52,133,444</b>	<b>89,358,720</b>	<b>8,117,880</b>	<b>1,694,874</b>	

Aqua Pennsylvania, Inc.  
Current and Proposed Rates  
P-71 Motor Schedules

NCLT - Winter Svc										NCLT - LDDG									
Media Division					Bridgewater and Eagle Rock Divisions					Treasure Lake, Village at Valley Forge and Bunker Hill Divisions									
Current Rates	Proposed Rates	Change	Current Rates	Proposed Rates	Change	Current Rates	Proposed Rates	Change	Current Rates	Proposed Rates	Change								
\$ 31.00	\$ 39.10	\$ 8.10	\$ 31.00	\$ 39.10	\$ 8.10	\$ 31.00	\$ 39.10	\$ 8.10	\$ 31.00	\$ 39.10	\$ 8.10								
<b>Meter Size Charges</b>			<b>Per EDU</b>			<b>Per EDU</b>			<b>Meter Size Charges</b>										
31.00	39.10	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%								
46.50	58.55	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%								
77.50	97.75	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%								
155.00	198.50	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%								
248.00	312.80	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%								
485.00	586.50	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%								
775.00	977.50	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%								
1,550.00	1,955.00	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%								
2,480.00	3,288.00	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%								
3,565.00	4,496.50	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%	31.00	39.10	26.1%								

### **Consumption Charges:**

Block Size (100 gallons)

**SPECIAL CHARGES**

<b>Bridlewood Apartment Complex</b>	13,323.80	16,815.76	26.2%
	217 EDU's		
<b>Children's World Daycare</b>	429.80	542.44	26.2%
	7 EDU's		

### Consumption Charges:

**SPECIAL CHARGES**

Aqua Pennsylvania, Inc.  
Current and Proposed Rates

		RZ-1B				RZ-2			
		Penn Township Division		Emmington, Rivercrest, and White Haven (Kidder)		Penncrest Division			
		Current Rates	Proposed Rates	Change	Current Rates	Proposed Rates	Change	Current Rates	Proposed Rates
Residential EDU Charge		31.00	39.10	26.1%	\$ 36.00	\$ 39.10	8.6%		N/A
Non-Residential					<b>Meter Size Charges</b>		<b>Meter Size Charges</b>		
5/8	Per EDU	67.50	39.10	-42.1%	36.00	39.10	8.6%		N/A
3/4		67.50	39.10	-42.1%	54.00	58.65	8.6%		N/A
1		67.50	39.10	-42.1%	90.00	97.75	8.6%		N/A
1-1/2		67.50	39.10	-42.1%	180.00	195.50	8.6%		N/A
2		67.50	39.10	-42.1%	288.00	312.80	8.6%		N/A
3		67.50	39.10	-42.1%	540.00	586.50	8.6%		N/A
4		67.50	39.10	-42.1%	900.00	977.50	8.6%		N/A
6		67.50	39.10	-42.1%	1,800.00	1,985.00	8.6%		N/A
8		67.50	39.10	-42.1%	2,880.00	3,128.00	8.6%		N/A
10		67.50	39.10	-42.1%	4,140.00	4,496.50	8.6%		N/A
<b>Flat Rate Customer Charges</b>									
		80.00	77.49	-3.1%	68.40	77.49	13.3%		#DIV/0!
<b>Allowance Residential Only</b>									
Consumption Charges:									
1st block									
2nd block									
3rd block									
Block Size (100 gallons)									
SPECIAL CHARGES									
Customer Charges:									
First Over									

Consumption Charges:									
1st block									
2nd block									
3rd block									
Block Size (100 gallons)									
SPECIAL CHARGES									
Customer Charges:									
First Over									

Consumption Charges:  
All Usage

Emmington Division (First 20 EDU)	68.40	77.49	13.3%
Additional Charge - After 20 EDU	34.20	38.75	13.3%
Bridgewater Apartments	1,915.20	2,169.78	13.3%

**Aqua Pennsylvania, Inc.  
Current and Proposed Rates**

Flat Rate Customer Charges	Consumption Charges:	Block Size (400 millions)
\$100	1st block	
	2nd block	
	3rd block	

SPECIAL CHARGES		
Newlin Geen Division		
Sage Hill Division - Unmetered	93.45	-15.0%
Avon Grove School - Flat Rate	141.94	-21.1%
East Randolph Town	10,503.71	26.8%
Newlin Geen Division		
East Randolph Town	1,212.3	61.16%
07500		

**SPECIAL CHARGES**      Woodloch Springs - Clubhouse/Pool      011515  
01200

### Consumption Charges:

Aqua Pennsylvania, Inc.  
Current and Proposed Rates

	SEASONAL RZ-6			RZ-7			RZ-8		
	Masthope Division Proposed Rates		Change	Limerick Division Proposed Rates		Change	East Bradford Division Proposed Rates		Change
	Current Rates	\$	50.10	\$	28.10	\$	39.48	\$	39.10
<b>Residential EDU Charge</b>	\$ 39.64	\$	50.10	26.4%	\$	28.10	\$	39.48	40.5%
<b>Non-Residential</b>	Per EDU		Per EDU	Per EDU	Per EDU	Per EDU	Per EDU	Per EDU	Per EDU
5/8	39.64	50.10	26.4%	28.10	39.48	40.5%	26.00	39.10	50.4%
3/4	39.64	50.10	26.4%	28.10	39.48	40.5%	26.00	39.10	50.4%
1	39.64	50.10	26.4%	28.10	39.48	40.5%	26.00	39.10	50.4%
1-1/2	39.64	50.10	26.4%	28.10	39.48	40.5%	26.00	39.10	50.4%
2	39.64	50.10	26.4%	28.10	39.48	40.5%	26.00	39.10	50.4%
3	39.64	50.10	26.4%	28.10	39.48	40.5%	26.00	39.10	50.4%
4	39.64	50.10	26.4%	28.10	39.48	40.5%	26.00	39.10	50.4%
6	39.64	50.10	26.4%	28.10	39.48	40.5%	26.00	39.10	50.4%
8	39.64	50.10	26.4%	28.10	39.48	40.5%	26.00	39.10	50.4%
10	39.64	50.10	26.4%	28.10	39.48	40.5%	26.00	39.10	50.4%
<b>Flat Rate Customer Charges</b>	43.64	55.15	26.4%	28.33	72.94	157.5%	68.09	83.42	22.5%
							52.72	83.42	58.2%

	Allowance - 2,493 gallons (KG)			Allowance		
	Monthly			Allowance		
<b>Consumption Charges:</b>						
1st block	0.1000	0.1263	26.3%	-	0.8366	29.5%
2nd block						
3rd block						
Block Size (100 gallons)						
First						
Over						
Birmingham						
<b>SPECIAL CHARGES</b>						
<b>Customer Charges:</b>						
NonResidential (First 10 EDU)						
Additional Charge After 10 EDU						
34.20						
83.42						
143.9%						

Consumption Charges:  
All Usage

Aqua Pennsylvania, Inc.  
Current and Proposed Rates

	RZ-9			RZ-10		
Residential EDU Charge	Cheltenham Township Division			East Norriton, Whitemarsh Division		
	Current Rates	Proposed Rates	Change	Current Rates	Proposed Rates	Change
\$ 20.89	\$ 28.21			\$ 32.37		
<b>Non-Residential</b>	<b>Per EDU</b>	<b>Per EDU</b>	<b>Per EDU</b>	<b>Per EDU</b>	<b>Per EDU</b>	<b>Per EDU</b>
5/8	20.89	28.21	35.0%	21.08	32.37	53.6%
3/4	20.89	28.21	35.0%	21.08	32.37	
1	20.89	28.21	35.0%	21.08	32.37	
1-1/2	20.89	28.21	35.0%	21.08	32.37	
2	20.89	28.21	35.0%	21.08	32.37	
3	20.89	28.21	35.0%	21.08	32.37	
4	20.89	28.21	35.0%	21.08	32.37	
6	20.89	28.21	35.0%	21.08	32.37	
8	20.89	28.21	35.0%	21.08	32.37	
10	20.89	28.21	35.0%	21.08	32.37	
<b>Flat Rate Customer Charges</b>	<b>49.34</b>	<b>38.53</b>	<b>58.53</b>	<b>51.9%</b>		

**Consumption Charges:**

1st block  
2nd block  
3rd block

Block Size (100 gallons)

First

Over

**SPECIAL CHARGES**  
**Customer Charges:**

Allowance		
-	0.6540	0.6540
0.6540	0.6540	0.0%
<b>SPECIAL CHARGES - WHITING</b>		
Residential - Under 6,666 Gals.		
31.66		
Residential - Over 6,666 Gals.		
39.57		
NonResidential - Up to 4,000 Gals.		
56.00		

**Consumption Charges:**  
All Usage

NonResidential - Over 4,000 Gals.		
Allowance		
-	0.6540	
0.8000	0.6540	-18.3%

Aqua Pennsylvania, Inc.  
Current and Proposed Rates

		RZ-11			CONTRACTS & 3rd Party		
		New Garden Division			Current Rates		Proposed Rates
		Current Rates	Proposed Rates	Change		Current Rates	Proposed Rates
Residential EDU Charge	\$	37.64	\$ 51.71	37.4%			
Non-Residential							
5/8	Per EDU - Commercial & Public	52.71	72.42	37.4%	Woodloch Pines	25,551.80	27,107.90
3/4	Per EDU - Commercial 2	64.31	88.36	37.4%	Whitehaven - Dennison Twp	26,318.35	27,921.14
1	Per EDU - Comm & Residential	218.32	299.97	37.4%	Whitehaven - East Side Borough	115.00	138.15
1-1/2	Per EDU - Comm & Residential	180.69	248.27	37.4%	Whitehaven - Penn Lake Borough	28.00	28.00
2		165.62	227.56	37.4%	East Brandywine	29.00	46.05
3		143.05	196.55	37.4%	Upper Providence	351.00	351.00
4		127.98	175.84	37.4%	Elwyn	135,289.00	154,773.04
6		90.34	124.13	37.4%		137,165.00	154,773.04
8						24,555.00	28,091.93
10						24,896.00	28,091.93
Flat Rate Customer Charges	Per EDU - Industrial	195.67	268.85	37.4%	Foster Township	87.00	138.15
	Allowance -5,000 - Residential & Public	-	\$ 2,0844	37.4%	Consumption Charges: Southdown Homes	0.7490	0.7490
		1,5170	2,6999	37.4%			
Consumption Charges:							
1st block							
2nd block							
3rd block							
Block Size (100 gallons)							
	First Allowance -5,000 - Commercial 1	-	-				
	Over	2,3500	3,2289	37.4%			
SPECIAL CHARGES	Allowance -5,000 - Commercial 2	3,0150	4,1426	37.4%			
Customer Charges:		-	-				
		3,3020	4,5369	37.4%			
		4,1670	5,7255	37.4%			
	Allowance -5,000 - Comm & Res Combined	-	-				
		2,3500	3,2289	37.4%			
	Allowance -5,000 - Comm & Res Combined	3,0150	4,1426	37.4%			
	Allowance -5,000 - Industrial	-	-				
		4,3070	5,9178 p				
		5,7900	7,9555				
Consumption Charges:							
All Usage							

**AQUA PENNSYLVANIA, INC**  
**WASTEWATER OPERATIONS - LIMERICK DIVISION**  
**COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT AND PROPOSED RATES - WASTEWATER**  
**FOR THE TWELVE MONTHS ENDING MARCH 31, 2023**

Customer Classification	Amount	Cost of Service			Revenues, Present Rates			Revenues, Proposed Rates			Proposed Increase Percent (11)
		Act 11 (2)	Revised COS (3)	Percent (4)	Amount (6)	Percent (7)	Amount (8)	Percent (9)	Amount (10)	Percent (11)	
Residential	\$ 7,001,669	\$ (2,032,364)	\$ 4,969,305	71.6%	\$ 2,758,337	69.5%	\$ 4,968,786	71.6%	\$ 2,210,449	80.1%	
Non-Residential	2,915,191	\$ (945,336)	\$ 1,969,855	28.4%	1,211,427	30.5%	1,969,855	28.4%	758,428	62.6%	
Total Sales	9,916,860	(2,977,700)	6,939,160	<u>100.0%</u>	3,969,765	<u>100.0%</u>	6,938,641	<u>100.0%</u>	2,968,877	74.8%	
Other Revenues	<u>8,808</u>		<u>8,808</u>		<u>8,808</u>		<u>8,808</u>		-	0.0%	
Total	<u>\$ 9,925,668</u>		<u>\$ 6,947,968</u>		<u>\$ 3,978,573</u>		<u>\$ 6,947,449</u>		<u>\$ 2,968,877</u>	74.6%	

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - LIMERICK DIVISION

ALLOCATION OF COST OF SERVICE BY FUNCTION TO CUSTOMER CLASSIFICATIONS

Description (1)	Flow		Infiltration & Inflow (5)	Customer Facilities (6)	Customer Accounting (7)
	Collection (2)	Treatment			
Total Cost of Service	\$ 3,025,921	\$ 1,762,333	\$ 4,313,265	\$ 188,094	\$ 627,247
Factor Reference		A	A1	C	B
Residential Factor Cost of Service	\$ 2,055,508	\$ 1,197,153	\$ 3,136,606	0.7272 0.7511 141,277 471,125	0.7511 0.7511 141,277 471,125
Non-Residential Factor Cost of Service	\$ 970,413	\$ 565,180	\$ 1,176,659	0.2728 0.2489 46,817 156,122	0.2489 0.2489 46,817 156,122
Total	3,025,921	1,762,333	4,313,265	188,094	627,247
					9,916,860

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - LIMERICK DIVISION  
FACTORS FOR ALLOCATING COSTS BY FUNCTION TO CUSTOMER CLASSIFICATIONS

FACTOR A. ALLOCATION OF FLOW COLLECTION COSTS.

Factors are based on the pro forma test year average daily consumption for each customer classification.

Classification (1)	Average Daily Consumption, 100 gallons (2)	Allocation Factor (3)
Residential	7,612	0.6793
Non-Residential	3,594	0.3207
Total	<u>11,206</u>	<u>1.0000</u>

FACTOR A1. ALLOCATION OF FLOW TREATMENT COSTS.

Factors are based on the pro forma test year average daily consumption for each customer

Classification (1)	Average Daily Consumption, 100 gallons (2)	Allocation Factor (3)
Residential	7,612	0.6793
Non-Residential	3,594	0.3207
Total	<u>11,206</u>	<u>1.0000</u>

**AQUA PENNSYLVANIA, INC**  
**WASTEWATER OPERATIONS**  
**FACTORS FOR ALLOCATING COSTS BY FUNCTION TO CUSTOMER CLASSIFICATIONS**

**FACTOR B. ALLOCATION OF COSTS ASSOCIATED WITH BILLING AND COLLECTING.**

Factors are based on the number of customers.

Customer Classification (1)	Number of Customers (2)	Allocation Factor (3)
Residential	5,598	0.7511
Non-Residential	1,855	0.2489
Total	<u><u>7,453</u></u>	<u><u>1.0000</u></u>

**FACTOR C. ALLOCATION OF COSTS ASSOCIATED WITH INFILTRATION AND INFLOW.**

Factors are based on a 1/3-2/3 weighting of flow and number of customers.

Customer Classification (1)	Average Daily Flow		Number of Bills		Allocation Factor (6)=(3)+(5)
	Factor A (2)	Weight (3)=(2) x 0.3333	Factor C (4)	Weight (5)=(4) x 0.6667	
Residential	0.6793	0.2264	0.7511	0.5008	0.7272
Non-Residential	0.3207	0.1069	0.2489	0.1659	0.2728
Total	<u><u>1.0000</u></u>	<u><u>0.3333</u></u>	<u><u>1.0000</u></u>	<u><u>0.6667</u></u>	<u><u>1.0000</u></u>

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2020

Account (1)	Factor Ref. (2)	Cost of Service (3)	Collection (4)	Flow Treatment (5)	Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
<b>OPERATION AND MAINTENANCE EXPENSES</b>							
<b>COLLECTION</b>							
Purchased Power	1	246,217	129,535	0	116,682	0	0
Purchased Power	1	2,822	1,484	0	1,337	0	0
Supplies	1	0	0	0	0	0	0
OS Other	1	<u>22,509</u>	<u>11,842</u>	<u>0</u>	<u>10,667</u>	<u>0</u>	<u>0</u>
TOTAL COLLECTION EXPENSE		<u>271,548</u>	<u>142,861</u>	<u>0</u>	<u>128,687</u>	<u>0</u>	<u>0</u>
<b>PUMPING</b>							
Labor	1	0	0	0	0	0	0
Purchased Power	1	0	0	0	0	0	0
Purchased Power	1	0	0	0	0	0	0
Supplies	1	32,180	16,930	0	15,250	0	0
OS Other	1	12,619	6,639	0	5,980	0	0
Other	1	<u>50,033</u>	<u>26,322</u>	<u>0</u>	<u>23,711</u>	<u>0</u>	<u>0</u>
		<u>94,831</u>	<u>49,891</u>	<u>0</u>	<u>44,941</u>	<u>0</u>	<u>0</u>
<b>SEWAGE TREATMENT</b>							
Salary and Wages	1A	124,410	0	65,452	58,958	0	0
Purchased Wastewater	1A	47,640	0	25,064	22,577	0	0
Chemicals	1A	18,111	0	9,528	8,583	0	0
Sludge Disposal	1A	136,349	0	71,733	64,616	0	0
Lab Testing	1A	58,268	0	30,655	27,613	0	0
Supplies	1A	0	0	0	0	0	0
Transportation	1A	0	0	0	0	0	0
OS Other	1A	<u>68,612</u>	<u>0</u>	<u>36,097</u>	<u>32,515</u>	<u>0</u>	<u>0</u>
<b>RECLAIMED WATER TREATMENT</b>							
OS Other	1A	0	0	0	0	0	0
<b>TOTAL SEWAGE TREATMENT EXPENSE</b>		<u>453,391</u>	<u>0</u>	<u>238,529</u>	<u>214,862</u>	<u>0</u>	<u>0</u>

**AQUA PENNSYLVANIA, INC**  
**WASTEWATER OPERATIONS**  
**COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2020**

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Infiltration & Inflow (7)			
<b>CUSTOMER ACCOUNTS</b>								
Salary and Wages	3	103,838	0	0	0	0	0	0
Other	3	118,398	0	0	0	0	0	103,838
Uncollectible Accounts	3							118,398
<b>TOTAL CUSTOMER ACCOUNTING EXPENSE</b>		222,237	0	0	0	0	0	222,237
<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>								
Salaries and Wages	4	349,754	37,249	77,890	103,702	0	0	130,913
Employee Benefits	5	278,473	21,888	84,182	95,516	0	0	76,886
Supplies	4		0	0	0	0	0	0
Accounting	4	9,509	1,013	2,118	2,819	0	0	3,559
Legal	4	155	17	35	46	0	0	58
Management Fees	4	245,560	26,152	54,686	72,808	0	0	91,913
Leases	4		0	0	0	0	0	0
Transportation	4		0	0	0	0	0	0
Insurance other than Group	4	23,155	2,466	5,157	6,865	0	0	8,667
OS Other	4	101,917	10,854	22,697	30,218	0	0	38,147
Amortization of Rate Case Expense	8	8,768	2,694	1,554	3,826	168	0	526
Other	4	67,219	7,159	14,970	19,930	0	0	25,160
Employee Benefits	5		0	0	0	0	0	0
<b>TOTAL A &amp; G EXPENSE</b>		1,084,510	109,491	263,288	395,733	0	0	375,830
<b>Total Operation &amp; Maintenance Expenses</b>		2,126,516	302,243	501,817	724,222	168	168	598,067
<b>DEPRECIATION EXPENSE</b>								
Structures and Improvements								
Collection	1	-	-	-	-	-	-	-
Pumping	1	141,423	74,403	-	-	67,020	-	-
Treatment and Disposal	1A	188,515	-	99,178	-	89,337	-	-
Reclaimed Water Treatment	1A	28,028	-	14,746	-	13,282	-	-
General	4	11,625	1,238	2,589	3,447	-	-	4,351

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2020

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Infiltration & Inflow (7)			
Power Operating Equipment								
Collection	1	-	-	-	-	-	-	-
Pumping	1A	48,318	-	25,420	-	-	-	-
Treatment and Disposal	1	717,040	377,235	-	22,898	-	-	-
Collection Mains - Gravity	1	16,720	8,796	-	339,805	-	-	-
Collection Mains - Force	1	2,463	1,296	-	7,924	-	-	-
Special Collecting Structures	1	(5,134)	-	-	1,167	-	-	-
Services	2	90,564	-	-	-	(5,134)	-	-
Meters	2	-	-	-	-	90,564	-	-
Receiving Wells	1	-	-	-	-	-	-	-
Pumping Equipment	1	227,300	119,583	-	107,717	-	-	-
RWT Pumping Equipment	1A	-	-	-	-	-	-	-
Treatment and Disposal Equipment	1A	491,227	-	258,435	-	232,792	-	-
Plant Sewers								
Treatment and Disposal	1A	-	-	-	-	-	-	-
Reclaimed Water Treatment Equipment	1A	-	-	-	-	-	-	-
Outfall Lines	1	9,440	4,966	-	4,474	-	-	-
Other Plant and Misc. Equipment								
Collection	1	5,060	2,662	-	2,398	-	-	-
Pumping	1	517	272	-	245	-	-	-
Treatment and Disposal	1A	73	-	38	35	-	-	-
Office Furniture	4	-	-	-	-	-	-	-
Office Equipment	4	-	-	-	-	-	-	-
Computer Hardware	4	3,784	403	843	1,122	-	-	-
Computer Software	4	-	-	-	-	-	-	-
Transportation Equipment	4	2,031	216	452	602	-	-	-
Stores Equipment	4	-	-	-	-	-	-	-
Tools, Shop and Garage Equipment	4	2,551	272	568	756	-	-	-
Laboratory Equipment	1A	1,346	-	708	638	-	-	-
Power Operated Equipment	4	-	-	-	-	-	-	-
Communication Equipment								
General	4	-	-	-	-	-	-	-

**AQUA PENNSYLVANIA, INC**  
**WASTEWATER OPERATIONS**  
**COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2020**

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Inflow (6)			
SCADA	4	15,990	1,703	3,561	4,741	-	-	5,985
Miscellaneous Equipment	4	-	-	-	-	-	-	-
Other Tangible Plant	4	-	-	-	-	-	-	-
<b>Total Depreciation Expense</b>		<b>1,998,881</b>		<b>593,045</b>	<b>406,537</b>	<b>900,401</b>	<b>85,430</b>	<b>13,468</b>
 <b>Taxes Other Than Income</b>								
PUC Assessment	7	44,901	16,515	6,623	20,843	795	126	
OCA, OSBA Assessment	7	18,245	6,711	2,691	8,469	323	51	
Local Property Tax	7	0	-	-	-	-	-	
<b>Total Taxes, Other Than Income</b>		<b>63,146</b>	<b>23,225</b>	<b>9,314</b>	<b>29,313</b>	<b>1,118</b>	<b>177</b>	
 <b>Total Operating Expense</b>								
PUC Assessment		4,188,544	918,513	917,668	1,653,936	86,716	611,711	
OCA, OSBA Assessment		1,325,309	487,449	195,483	615,209	23,458	3,711	
Local Property Tax		4,411,814	1,622,665	650,743	2,047,964	78,089	12,353	
<b>Total Cost of Service</b>		<b>9,925,667</b>	<b>3,028,626</b>	<b>1,763,894</b>	<b>4,317,108</b>	<b>188,263</b>	<b>627,775</b>	
 <b>Less: Other Revenues</b>								
Other Operating Revenues	8	8,808	2,706	1,561	3,844	169	528	
 <b>Total Cost of Service Related to Sales of Wastewater Services</b>		<b>9,916,859</b>	<b>3,025,921</b>	<b>1,762,333</b>	<b>4,313,265</b>	<b>188,094</b>	<b>627,247</b>	

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - LIMERICK DIVISION

FACTORS FOR ALLOCATING COST OF SERVICE TO COST FUNCTIONS

Reference	Flow		Infiltration & Inflow	Customer Facilities	Customer Accounting	Total
	Treatment	Collection				
Factor 1 - Flow and I&I	0.5261		0.4739			1.0000
Factor 2 - Customer Facilities				1.0000		1.0000
Factor 3 - Customer Accounting					1.0000	1.0000
Factor 4 - O&M Exp less Power and Chemicals						
Cost Factor	63,217 0.1065	132,204 0.2227	176,031 0.2965	0 0.0000	222,237 0.3743	593,689 1.0000
Factor 5 - Labor Expense						
Cost Factor	37,249 0.0786	143,342 0.3023	162,660 0.3430	0 0.0000	130,913 0.2761	474,164 1.0000
Factor 6 - Rate Base less Allocated Costs						
Cost Factor	21,283,150 0.3681	8,520,886 0.1474	26,846,844 0.4643	1,021,867 0.0177	146,725 0.0025	57,819,471 1.0000
Factor 7 - Rate Base						
Cost Factor	21,243,602 0.3678	8,515,284 0.1475	26,806,183 0.4642	1,019,573 0.0177	162,218 0.0028	57,746,861 1.0000
Factor 8 - Total Cost of Service						
Cost Factor	3,015,079 0.3072	1,739,643 0.1772	4,283,064 0.4364	188,095 0.0192	589,102 0.0600	9,814,982 1.0000
Factor 9 - O&M Exp						
Cost Factor	288,695 0.1432	477,566 0.2369	690,177 0.3424	0 0.0000	559,393 0.2775	2,015,831 1.0000

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2020

<b>RATE BASE</b>	Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
				Collection (4)	Treatment (5)	Infiltration & Inflow (7)			
Organization	1	1	399,244	210,042	0	189,202	0	0	0
Land and Land Rights - Collection	1	1	0	0	0	0	0	0	0
Land and Land Rights - Pumping	1	1	365,005	192,029	0	172,976	0	0	0
Land and Land Rights - Treatment and Disp.	1A	481,147	0	253,131	0	228,016	0	0	0
Structures and Improvements									
Collection	1	1	0	0	0	0	0	0	0
Pumping	1	1A	4,066,114	2,139,183	0	1,926,931	0	0	0
Treatment and Disposal	1A	1A	4,212,746	0	2,216,326	1,996,420	0	0	0
Reclaimed Water Treatment	1A	1A	797,297	0	419,458	377,839	0	0	0
General	4	4	187,870	20,008	41,839	55,703	0	70,320	
Power Operating Equipment									
Collection	1	1	0	0	0	0	0	0	0
Pumping	1	1A	0	0	0	0	0	0	0
Treatment and Disposal	1A	1A	285,402	0	150,150	135,252	0	0	0
Collection Mains - Gravity	1	1	31,682,303	16,668,060	0	15,014,243	0	0	0
Collection Mains - Force	1	1	935,683	492,263	0	443,420	0	0	0
Special Collecting Structures	1	1	155,275	81,690	0	73,585	0	0	0
Services	2	2	(343,769)	0	0	(343,769)	0	0	0
Meters	2	2	1,365,636	0	0	0	0	0	0
Receiving Wells	1	1	0	0	0	0	0	0	0
Pumping Equipment	1	1A	2,502,560	1,316,597	0	1,185,963	0	0	0
RWT Pumping Equipment	1A	1A	0	0	0	0	0	0	0
Treatment and Disposal Equipment	1A	1A	10,221,266	0	5,377,408	4,843,858	0	0	0
Plant Sewers									
Treatment and Disposal	1A	1A	0	0	0	0	0	0	0
Reclaimed Water Treatment Equipment	1A	1A	0	0	0	0	0	0	0
Outfall Lines	1	173,796	91,434	0	82,362	0	0	0	0
Other Plant and Misc. Equipment									
Collection	1	86,412	45,461	0	40,951	0	0	0	0
Pumping	1	8,825	4,643	0	4,182	0	0	0	0
Treatment and Disposal	1A	1,602	0	843	759	0	0	0	0

**AQUA PENNSYLVANIA, INC**  
**WASTEWATER OPERATIONS**  
**COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2020**

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Inflow (6)			
Office Furniture	4	0	0	0	0	0	0	0
Office Equipment	4	0	0	0	0	0	0	0
Computer Hardware	4	12,972	1,382	2,889	3,846	0	0	4,855
Computer Software	4	0	0	0	0	0	0	0
Transportation Equipment	4	12,601	1,342	2,806	3,736	0	0	4,717
Stores Equipment	4	0	0	0	0	0	0	0
Tools, Shop and Garage Equipment	4	44,001	4,686	9,799	13,046	0	0	16,470
Laboratory Equipment	1A	30,929	0	16,272	14,657	0	0	0
Power Operated Equipment	4	0	0	0	0	0	0	0
Communication Equipment	4	0	0	0	0	0	0	0
General	4	134,554	14,330	29,965	39,895	0	0	50,364
SCADA	4	0	0	0	0	0	0	0
Miscellaneous Equipment	4	0	0	0	0	0	0	0
Other Tangible Plant	4	0	0	0	0	0	0	0
<b>TOTAL UTILITY PLANT IN SERVICE SEWER</b>		<b>\$ 57,819,471</b>	<b>\$ 21,283,150</b>	<b>\$ 8,520,886</b>	<b>\$ 26,846,844</b>	<b>\$ 1,021,867</b>	<b>\$ 146,725</b>	
Other Rate Base Items:								
Customer Contributions	6	(129,610)	(47,710)	(19,105)	(60,178)	(2,294)		(324)
Working Capital	9	57,000	8,162	13,503	19,517	0		15,818
Total Other Rate Base Elements		<b>(72,610)</b>	<b>(39,547)</b>	<b>(5,601)</b>	<b>(40,661)</b>	<b>(2,294)</b>		<b>15,493</b>
<b>Total Original Cost Measure of Value</b>		<b>57,746,861</b>	<b>21,243,602</b>	<b>8,515,284</b>	<b>26,806,183</b>	<b>1,019,573</b>		<b>162,218</b>

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - EAST BRADFORD  
COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT AND PROPOSED RATES - WASTEWATER  
FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Customer Classification (1)	Amount (2)	Cost of Service			Revenues, Present Rates			Revenues, Proposed Rates			Proposed Increase Percent (11)
		Act 11 (3)	Revised COS (4)	Percent (5)	Amount (6)	Percent (7)	Amount (8)	Percent (9)	Amount (10)	Percent (11)	
Residential	\$ 1,505,380	\$ (359,852)	\$ 1,145,528	84.4%	\$ 864,242	86.6%	\$ 1,144,892	84.4%	\$ 280,650	32.5%	
Non-Residential	309,687	\$ (98,010)	\$ 211,677	15.6%	133,949	13.4%	211,677	15.6%	77,729	58.0%	
Total Sales	1,815,067	(457,861)	1,357,206	100.0%	998,190	100.0%	1,356,569	100.0%	358,379	35.9%	
Other Revenues*	16,378		16,378		16,378		16,378		-	0.0%	
<b>Total</b>	<b>\$ 1,831,445</b>		<b>\$ 1,373,584</b>		<b>\$ 1,014,569</b>		<b>\$ 1,372,948</b>		<b>\$ 358,379</b>	<b>35.3%</b>	

\* Includes Contract revenues.

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - EAST BRADFORD

ALLOCATION OF COST OF SERVICE BY FUNCTION TO CUSTOMER CLASSIFICATIONS

Description (1)	Flow		Infiltration & Inflow (5)	Customer Facilities (6)	Customer Accounting (7)
	Collection (2)	Treatment A			
Total Cost of Service	\$ 433,096	\$ 470,123	\$ 813,572	\$ 32,689	\$ 65,588
Factor Reference		A1	C	B	B
Residential Factor Cost of Service	\$ 0.7515 325,472	\$ 0.7515 353,297	\$ 0.8986 731,076	0.9721 31,777	0.9721 63,758
Non-Residential Factor Cost of Service	\$ 0.2485 107,624	\$ 0.2485 116,825	\$ 0.1014 82,496	0.0279 912	0.0279 1,830
Total	\$ 433,096	\$ 470,122	\$ 813,572	\$ 32,689	\$ 65,588
					1,815,067

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - EAST BRADFORD  
FACTORS FOR ALLOCATING COSTS BY FUNCTION TO CUSTOMER CLASSIFICATIONS

FACTOR A. ALLOCATION OF FLOW COLLECTION COSTS.

Factors are based on the pro forma test year average daily consumption for each customer classification.

Classification (1)	Average Daily Consumption, 100 gallons (2)	Allocation Factor (3)
Residential	1,461	0.7515
Non-Residential	483	0.2485
Total	<u>1,944</u>	<u>1.0000</u>

FACTOR A1. ALLOCATION OF FLOW TREATMENT COSTS.

Factors are based on the pro forma test year average daily consumption for each customer

Classification (1)	Average Daily Consumption, 100 gallons (2)	Allocation Factor (3)
Residential	1,461	0.7515
Non-Residential	483	0.2485
Total	<u>1,944</u>	<u>1.0000</u>

**AQUA PENNSYLVANIA, INC**  
**WASTEWATER OPERATIONS - EAST BRADFORD**  
**FACTORS FOR ALLOCATING COSTS BY FUNCTION TO CUSTOMER CLASSIFICATIONS**

**FACTOR B. ALLOCATION OF COSTS ASSOCIATED WITH BILLING AND COLLECTING.**

Factors are based on the number of customers.

Customer Classification (1)	Number of Customers (2)	Allocation Factor (3)
Residential	14,487	0.9721
Non-Residential	416	0.0279
Total	<u><u>14,903</u></u>	<u><u>1.0000</u></u>

**FACTOR C. ALLOCATION OF COSTS ASSOCIATED WITH INFILTRATION AND INFLOW.**

Factors are based on a 1/3-2/3 weighting of flow and number of customers.

Customer Classification (1)	Average Daily Flow		Number of Bills		Allocation Factor (6)=(3)+(5)
	Factor A (2)	Weight (3)=(2) x 0.3333	Factor C (4)	Weight (5)=(4) x 0.6667	
Residential	0.7515	0.2505	0.9721	0.6481	0.8986
Non-Residential	0.2485	0.0828	0.0279	0.0186	0.1014
Total	<u><u>1.0000</u></u>	<u><u>0.3333</u></u>	<u><u>1.0000</u></u>	<u><u>0.6667</u></u>	<u><u>1.0000</u></u>

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - EAST BRADFORD  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow		Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)			
<b>OPERATION AND MAINTENANCE EXPENSES</b>							
<b>COLLECTION</b>							
Purchased Power	1	12,168	6,402	0	5,766	0	0
Purchased Power	1	0	0	0	0	0	0
Supplies	1	0	0	0	0	0	0
OS Other	1	262	138	0	124	0	0
<b>TOTAL COLLECTION EXPENSE</b>		<b>12,430</b>	<b>6,540</b>	<b>0</b>	<b>5,891</b>	<b>0</b>	<b>0</b>
<b>PUMPING</b>							
Labor	1	0	0	0	0	0	0
Purchased Power	1	0	0	0	0	0	0
Purchased Power	1	0	0	0	0	0	0
Supplies	1	189	99	0	89	0	0
OS Other	1	160,971	84,687	0	76,284	0	0
Other	1	0	0	0	0	0	0
<b>SEWAGE TREATMENT</b>							
Salary and Wages	1A	0	0	439,038	395,476	0	0
Purchased Wastewater	1A	834,514	0	0	0	0	0
Chemicals	1A	0	0	0	0	0	0
Sludge Disposal	1A	0	0	0	0	0	0
Lab Testing	1A	0	0	0	0	0	0
Supplies	1A	0	0	0	0	0	0
Transportation	1A	0	0	0	0	0	0
OS Other	1A	1,293	0	680	613	0	0
<b>RECLAIMED WATER TREATMENT</b>							
OS Other	1	0	0	0	0	0	0
<b>TOTAL SEWAGE TREATMENT EXPENSE</b>		<b>835,807</b>	<b>0</b>	<b>439,718</b>	<b>396,089</b>	<b>0</b>	<b>0</b>

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - EAST BRADFORD  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow		Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)			
<b>CUSTOMER ACCOUNTS</b>							
Salary and Wages	3	22,834	0	0	0	0	0
Other	3	21,670	0	0	0	0	22,834
Uncollectible Accounts	3						21,670
<b>TOTAL CUSTOMER ACCOUNTING EXPENSE</b>		44,504	0	0	0	0	44,504
<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>							
Salaries and Wages	4	162	66	1	60	0	35
Employee Benefits	5	(1,426)	(585)	(5)	(531)	0	(306)
Supplies	4		0	0	0	0	0
Accounting	4	2,103	862	7	783	0	452
Legal	4	5,063	2,075	17	1,884	0	1,088
Management Fees	4	53,881	22,081	178	20,049	0	11,574
Leases	4		0	0	0	0	0
Transportation	4		0	0	0	0	0
Insurance other than Group	4	5,081	2,082	17	1,891	0	1,091
OS Other	4	1,370	561	5	510	0	294
Amortization of Rate Case Expense	8	1,924	459	499	863	35	69
Other	4	3,218	1,319	11	1,198	0	691
Employee Benefits	5		0	0	0	0	0
<b>TOTAL A &amp; G EXPENSE</b>		71,376	28,920	728	26,706	35	14,988
<b>Total Operation &amp; Maintenance Expenses</b>		1,125,277	120,246	440,446	505,059	35	59,492
<b>DEPRECIATION EXPENSE</b>							
Structures and Improvements							
Collection	1	44,714	23,524	-	21,190	-	-
Pumping	1	7,498	3,945	-	3,553	-	-
Treatment and Disposal	1A	-	-	-	-	-	-
Reclaimed Water Treatment	1A	-	-	-	-	-	-
General	4	-	-	-	-	-	-

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - EAST BRADFORD  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Infiltration & Inflow (7)			
Power Operating Equipment								
Collection	1	-	-	-	-	-	-	-
Pumping	1A	4,804	-	2,527	-	-	-	-
Treatment and Disposal	1	9,269	-	-	-	2,277	-	-
Collection Mains - Gravity	1	48,874	25,713	-	-	4,393	-	-
Collection Mains - Force	1	-	-	-	-	23,161	-	-
Special Collecting Structures	1	-	-	-	-	-	-	-
Services	2	5,766	-	-	-	-	-	-
Meters	2	1,336	-	-	-	-	-	-
Receiving Wells	1	-	-	-	-	-	-	-
Pumping Equipment	1	4,691	-	-	-	2,223	-	-
RWT Pumping Equipment	1A	-	-	-	-	-	-	-
Treatment and Disposal Equipment	1A	14,496	-	-	-	6,870	-	-
Plant Sewers								
Treatment and Disposal	1A	-	-	-	-	-	-	-
Reclaimed Water Treatment Equipment	1A	-	-	-	-	-	-	-
Outfall Lines	1	-	-	-	-	-	-	-
Other Plant and Misc. Equipment								
Collection	1	-	-	-	-	-	-	-
Pumping	1	-	-	-	-	-	-	-
Treatment and Disposal	1A	-	-	-	-	-	-	-
Office Furniture	4	-	-	-	-	-	-	-
Office Equipment	4	-	-	-	-	-	-	-
Computer Hardware	4	-	-	-	-	-	-	-
Computer Software	4	-	-	-	-	-	-	-
Transportation Equipment	4	-	-	-	-	-	-	-
Stores Equipment	4	-	-	-	-	-	-	-
Tools, Shop and Garage Equipment	4	-	-	-	-	-	-	-
Laboratory Equipment	1A	-	-	-	-	-	-	-
Power Operated Equipment	4	-	-	-	-	-	-	-
Communication Equipment	4	-	-	-	-	-	-	-
General	4	-	-	-	-	-	-	-

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - EAST BRADFORD  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Account (1)	Factor Ref. (2)	Cost of Service (3)	Collection (4)	Flow (5)	Treatment (5)	Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
SCADA	4	17,104	-	7,009	56	6,364	-	3,674
Miscellaneous Equipment	4	-	-	-	-	-	-	-
Other Tangible Plant	4	-	-	-	-	-	-	-
<b>Total Depreciation Expense</b>		<b>158,552</b>		<b>67,535</b>	<b>10,210</b>	<b>70,031</b>	<b>7,102</b>	<b>3,674</b>
 <b>Taxes Other Than Income</b>								
PUC Assessment	7	8,285	3,771	359	3,719	391	46	
OCA, OSBA Assessment	7	3,367	1,532	146	1,511	159	19	
Local Property Tax	7	4,600	2,093	199	2,065	217	25	
 <b>Total Taxes, Other Than Income</b>		<b>16,251</b>	<b>7,396</b>	<b>704</b>	<b>7,295</b>	<b>767</b>	<b>89</b>	
 <b>Total Operating Expense</b>		<b>1,300,080</b>	<b>195,177</b>	<b>451,360</b>	<b>582,385</b>	<b>7,904</b>	<b>63,255</b>	
 <b>Income Taxes</b>		<b>120,550</b>	<b>54,862</b>	<b>5,220</b>	<b>54,115</b>	<b>5,690</b>	<b>663</b>	
 <b>Utility Income Available for Return</b>		<b>410,814</b>	<b>186,962</b>	<b>17,788</b>	<b>184,414</b>	<b>19,390</b>	<b>2,259</b>	
 <b>Total Cost of Service</b>		<b>1,831,445</b>	<b>437,001</b>	<b>474,368</b>	<b>820,914</b>	<b>32,984</b>	<b>66,178</b>	
 <b>Less: Other Revenues</b>								
Other Operating Revenues	8	16,378	3,905	4,245	7,342	295	590	
 <b>Total Cost of Service Related to Sales of Wastewater Services</b>		<b>1,815,067</b>	<b>433,096</b>	<b>470,123</b>	<b>813,572</b>	<b>32,689</b>	<b>65,588</b>	

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - EAST BRADFORD

FACTORS FOR ALLOCATING COST OF SERVICE TO COST FUNCTIONS

Reference	Flow		Infiltration & Inflow	Customer Facilities	Customer Accounting	Total
	Treatment	Collection				
Factor 1 - Flow and I&I	0.5261		0.4739			1.0000
Factor 2 - Customer Facilities				1.0000		1.0000
Factor 3 - Customer Accounting					1.0000	1.0000
Factor 4 - O&M Exp less Power and Chemicals						
Cost Factor	84,924 0.4098	680 0.0033	77,110 0.3721	0 0.0000	44,504 0.2148	207,219 1.0000
Factor 5 - Labor Expense						
Cost Factor	66 0.4098	1 0.0033	60 0.3721	0 0.0000	35 0.2148	162 1.0000
Factor 6 - Rate Base less Allocated Costs						
Cost Factor	2,451,142 0.4591	209,202 0.0392	2,396,382 0.4489	255,010 0.0478	26,637 0.0050	5,338,372 1.0000
Factor 7 - Rate Base						
Cost Factor	2,447,097 0.4551	232,604 0.0433	2,413,814 0.4489	253,903 0.0472	29,788 0.0055	5,377,207 1.0000
Factor 8 - Total Cost of Service						
Cost Factor	435,980 0.2384	473,865 0.2592	819,542 0.4483	32,949 0.0180	65,814 0.0360	1,828,151 0.9999
Factor 9 - O&M Exp						
Cost Factor	119,226 0.1063	439,943 0.3921	503,686 0.4489	0 0.0000	59,128 0.0527	1,121,983 1.0000

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - EAST BRADFORD  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

<b>RATE BASE</b>	Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow		Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
				Collection (4)	Treatment (5)			
Organization	1	1	324,740	170,846	0	153,894	0	0
Land and Land Rights - Collection		1	0	0	0	0	0	0
Land and Land Rights - Pumping		1	57,798	30,407	0	27,390	0	0
Land and Land Rights - Treatment and Disp.		1A	0	0	0	0	0	0
Structures and Improvements								
Collection	1		1,488,975	783,350	0	705,625	0	0
Pumping	1		241,368	126,984	0	114,384	0	0
Treatment and Disposal	1A		0	0	0	0	0	0
Reclaimed Water Treatment	1A		0	0	0	0	0	0
General	4		0	0	0	0	0	0
Power Operating Equipment								
Collection	1		0	0	0	0	0	0
Pumping	1		0	0	0	0	0	0
Treatment and Disposal	1A		52,837	0	27,798	25,039	0	0
Collection Mains - Gravity	1		395,795	208,228	0	187,567	0	0
Collection Mains - Force	1		1,991,663	1,047,814	0	943,849	0	0
Special Collecting Structures	1		0	0	0	0	0	0
Services	2		232,165	0	0	0	0	0
Meters	2		22,845	0	0	0	0	0
Receiving Wells	1		0	0	0	0	0	0
Pumping Equipment	1		62,148	32,696	0	29,452	0	0
RWT Pumping Equipment	1A		0	0	0	0	0	0
Treatment and Disposal Equipment	1A		344,032	0	180,995	163,037	0	0
Plant Sewers								
Treatment and Disposal	1A		0	0	0	0	0	0
Reclaimed Water Treatment Equipment	1A		0	0	0	0	0	0
Outfall Lines	1		0	0	0	0	0	0
Other Plant and Misc. Equipment								
Collection	1		0	0	0	0	0	0
Pumping	1		0	0	0	0	0	0
Treatment and Disposal	1A		0	0	0	0	0	0

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - EAST BRADFORD  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow		Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)			
Office Furniture	4	0	0	0	0	0	0
Office Equipment	4	0	0	0	0	0	0
Computer Hardware	4	0	0	0	0	0	0
Computer Software	4	0	0	0	0	0	0
Transportation Equipment	4	0	0	0	0	0	0
Stores Equipment	4	0	0	0	0	0	0
Tools, Shop and Garbage Equipment	4	0	0	0	0	0	0
Laboratory Equipment	1A	0	0	0	0	0	0
Power Operated Equipment	4	0	0	0	0	0	0
Communication Equipment	4	0	0	0	0	0	0
General	4	124,007	50,818	409	46,143	0	26,637
SCADA	4	0	0	0	0	0	0
Miscellaneous Equipment	4	0	0	0	0	0	0
Other Tangible Plant	4	0	0	0	0	0	0
<b>TOTAL UTILITY PLANT IN SERVICE SEWER</b>		<b>\$ 5,338,372</b>	<b>\$ 2,451,142</b>	<b>\$ 209,202</b>	<b>\$ 2,396,382</b>	<b>\$ 255,010</b>	<b>\$ 26,637</b>
Other Rate Base Items:							
Deferred Taxes	6	0	0	0	0	0	0
Working Capital	9	62,000	6,591	24,310	27,832	0	3,267
Customer Advances	6	(23,166)	(10,635)	(908)	(10,399)	(1,107)	(116)
Total Other Rate Base Elements		<b>38,834</b>	<b>(4,045)</b>	<b>23,402</b>	<b>17,433</b>	<b>(1,107)</b>	<b>3,152</b>
<b>Total Original Cost Measure of Value</b>		<b><u>5,377,207</u></b>	<b><u>2,447,097</u></b>	<b><u>232,604</u></b>	<b><u>2,413,814</u></b>	<b><u>253,903</u></b>	<b><u>29,788</u></b>

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - CHELTENHAM  
COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT AND PROPOSED RATES - WASTEWATER  
FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Customer Classification (1)	Amount (2)	Cost of Service			Revenues, Present Rates			Revenues, Proposed Rates			Proposed Increase Percent (11)
		Act 11 (3)	Revised COS (4)	Percent (5)	Amount (6)	Percent (7)	Amount (8)	Percent (9)	Amount (10)	Percent (11)	
Residential	\$ 6,401,448	\$ (435,570)	\$ 5,965,878	61.0%	\$ 4,415,789	61.0%	\$ 5,965,654	61.0%	\$ 1,549,865	35.1%	
Non-Residential	3,894,248	\$ (80,234)	\$ 3,814,014	39.0%	2,822,573	39.0%	3,814,014	39.0%	991,441	35.1%	
Total Sales	10,295,696	(515,804)	9,779,892	100.0%	7,238,362	100.0%	9,779,668	100.0%	2,541,306	35.1%	
Other Revenues	20,377		20,377		20,377		20,377		-	0.0%	
Total	<u>\$ 10,316,073</u>		<u>\$ 9,800,270</u>		<u>\$ 7,258,739</u>		<u>\$ 9,800,046</u>		<u>\$ 2,541,306</u>		<u>35.0%</u>

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - CHELTENHAM TOWNSHIP DIVISION

ALLOCATION OF COST OF SERVICE BY FUNCTION TO CUSTOMER CLASSIFICATIONS

Description (1)	Flow		Infiltration & Inflow (5)	Customer Facilities (6)	Customer Accounting (7)
	Collection (2)	Treatment (4)			
Total Cost of Service	\$ 2,991,308	\$ 1,708,434	\$ 4,233,145	\$ 114,894	\$ 1,247,916
Factor Reference	A	A1	C	B	B
Residential Factor Cost of Service	\$ 0.6486	\$ 0.6486	\$ 0.6046	0.5825	0.5825
	\$ 1,940,162	\$ 1,108,090	\$ 2,559,359	66,926	726,911
Non-Residential Factor Cost of Service	0.3514	0.3514	0.3954	0.4175	0.4175
	\$ 1,051,146	\$ 600,344	\$ 1,673,785	47,968	521,005
Total	2,991,308	1,708,434	4,233,144	114,894	1,247,916
					10,295,696

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - CHELTENHAM  
FACTORS FOR ALLOCATING COSTS BY FUNCTION TO CUSTOMER CLASSIFICATIONS

FACTOR A. ALLOCATION OF FLOW COLLECTION COSTS.

Factors are based on the pro forma test year average daily consumption for each customer classification.

Classification (1)	Average Daily Consumption, 100 gallons (2)	Allocation Factor (3)
Residential	13,706	0.6486
Non-Residential	<u>7,427</u>	<u>0.3514</u>
Total	<u>21,133</u>	<u>1.0000</u>

FACTOR A1. ALLOCATION OF FLOW TREATMENT COSTS.

Factors are based on the pro forma test year average daily consumption for each customer

Classification (1)	Average Daily Consumption, 100 gallons (2)	Allocation Factor (3)
Residential	13,706	0.6486
Non-Residential	7,427	0.3514
Total	<u>21,133</u>	<u>1.0000</u>

**AQUA PENNSYLVANIA, INC**  
**WASTEWATER OPERATIONS - CHELTENHAM**  
**FACTORS FOR ALLOCATING COSTS BY FUNCTION TO CUSTOMER CLASSIFICATIONS**

**FACTOR B. ALLOCATION OF COSTS ASSOCIATED WITH BILLING AND COLLECTING.**

Factors are based on the number of customers.

Customer Classification (1)	Number of Customers (2)	Allocation Factor (3)
Residential	9,817	0.5825
Non-Residential	7,036	0.4175
Total	<u><u>16,853</u></u>	<u><u>1.0000</u></u>

**FACTOR C. ALLOCATION OF COSTS ASSOCIATED WITH INFILTRATION AND INFLOW.**

Factors are based on a 1/3-2/3 weighting of flow and number of customers.

Customer Classification (1)	Average Daily Flow		Number of Bills		Allocation Factor (6)=(3)+(5)
	Factor A (2)	Weight (3)=(2) x 0.3333	Factor C (4)	Weight (5)=(4) x 0.6667	
Residential	0.6486	0.2162	0.5825	0.3884	0.6046
Non-Residential	0.3514	0.1171	0.4175	0.2783	0.3954
Total	<u><u>1.0000</u></u>	<u><u>0.3333</u></u>	<u><u>1.0000</u></u>	<u><u>0.6667</u></u>	<u><u>1.0000</u></u>

**AQUA PENNSYLVANIA, INC**  
**WASTEWATER OPERATIONS - CHELTENHAM**  
**COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023**

Account (1)	Factor Ref. (2)	Cost of Service (3)	Collection (4)	Flow (5)	Treatment (5)	Max Hour (6)	Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
<b>OPERATION AND MAINTENANCE EXPENSES</b>									
<b>COLLECTION</b>									
Leases	1	36,751	19,335	0	0	0	17,416	0	0
Purchased Power	1	0	0	0	0	0	0	0	0
Supplies	1	0	0	0	0	0	0	0	0
OS Other	1	0	0	0	0	0	0	0	0
<b>TOTAL COLLECTION EXPENSE</b>		<b>36,751</b>	<b>19,335</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17,416</b>	<b>0</b>	<b>0</b>
<b>PUMPING</b>									
Labor	1	0	0	0	0	0	0	0	0
Purchased Power	1	0	0	0	0	0	0	0	0
Purchased Power	1	0	0	0	0	0	0	0	0
Supplies	1	0	0	0	0	0	0	0	0
OS Other	1	0	0	0	0	0	0	0	0
Other	1	0	0	0	0	0	0	0	0
		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>SEWAGE TREATMENT</b>									
Salary and Wages	1A	0	0	0	0	0	0	0	0
Purchased Wastewater	1A	3,176,062	1,670,926	0	0	1,505,136	0	0	0
Chemicals	1A	0	0	0	0	0	0	0	0
Sludge Disposal	1A	0	0	0	0	0	0	0	0
Lab Testing	1A	0	0	0	0	0	0	0	0
Supplies	1A	8,309	4,371	0	0	3,938	0	0	0
Transportation	1A	0	0	1,618	0	0	1,457	0	0
OS Other	1A	3,075	0	1,618	0	0	1,457	0	0
<b>RECLAIMED WATER TREATMENT</b>									
OS Other	1	0	0	0	0	0	0	0	0
<b>TOTAL SEWAGE TREATMENT EXPENSE</b>		<b>3,187,446</b>	<b>0</b>	<b>1,676,915</b>	<b>0</b>	<b>1,510,531</b>	<b>0</b>	<b>0</b>	<b>0</b>

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - CHELTENHAM  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Max Hour (6)			
<b>CUSTOMER ACCOUNTS</b>								
Salary and Wages	3	181,966	0	0	0	0	0	0
Other	3	122,921	0	0	0	0	0	181,966
Uncollectible Accounts	3							122,921
<b>TOTAL CUSTOMER ACCOUNTING EXPENSE</b>		304,887	0	0	0	0	0	304,887
<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>								
Salaries and Wages	4	367,197	20,122	6,242	0	23,721	0	317,112
Employee Benefits	5	209,194	11,464	3,556	0	13,514	0	180,660
Supplies	4		0	0	0	0	0	0
Accounting	4	16,767	919	285	0	1,083	0	14,480
Legal	4		0	0	0	0	0	0
Management Fees	4	429,319	23,527	7,298	0	27,734	0	370,760
Leases	4		0	0	0	0	0	0
Transportation	4	28	2	0	0	2	0	24
Insurance other than Group	4	40,482	2,218	688	0	2,615	0	34,960
OS Other	4	695	38	12	0	45	0	601
Amortization of Rate Case Expense	8	15,330	4,455	2,543	0	6,304	172	1,858
Other	4	4,330	237	74	0	280	0	3,739
Employee Benefits	5		0	0	0	0	0	0
<b>TOTAL A &amp; G EXPENSE</b>		1,083,342	62,982	20,699	0	75,297	172	924,193
<b>Total Operation &amp; Maintenance Expenses</b>		4,612,426	82,317	1,697,615	0	1,603,244	172	1,229,080
<b>DEPRECIATION EXPENSE</b>								
Structures and Improvements	1		-	-	-	-	-	-
Collection	1		-	-	-	-	-	-
Pumping								
Treatment and Disposal	1A		-	-	-	-	-	-
Reclaimed Water Treatment	1A		-	-	-	-	-	-
General	4		-	-	-	-	-	-

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - CHELTENHAM  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Max Hour (6)		
Power Operating Equipment							
Collection	1	-	-	-	-	-	-
Pumping	1	-	-	-	-	-	-
Treatment and Disposal	1A	-	-	-	-	-	-
Collection Mains - Gravity	1	-	-	-	-	-	-
Collection Mains - Force	1	950,529	500,073	-	-	450,456	-
Special Collecting Structures	1	-	-	-	-	-	-
Services	2	53,956	-	-	-	-	53,956
Meters	2	-	-	-	-	-	-
Receiving Wells	1	-	-	-	-	-	-
Pumping Equipment	1	-	-	-	-	-	-
RWT Pumping Equipment	1A	-	-	-	-	-	-
Treatment and Disposal Equipment	1A	-	-	-	-	-	-
Plant Sewers	-	-	-	-	-	-	-
Treatment and Disposal	1A	-	-	-	-	-	-
Reclaimed Water Treatment Equipment	1A	-	-	-	-	-	-
Outfall Lines	1	-	-	-	-	-	-
Other Plant and Misc. Equipment	-	-	-	-	-	-	-
Collection	1	-	-	-	-	-	-
Pumping	1	-	-	-	-	-	-
Treatment and Disposal	1A	-	-	-	-	-	-
Office Furniture	4	-	-	-	-	-	-
Office Equipment	4	-	-	-	-	-	-
Computer Hardware	4	-	-	-	-	-	-
Computer Software	4	-	-	-	-	-	-
Transportation Equipment	4	4,162	228	71	269	-	3,594
Stores Equipment	4	-	-	-	-	-	-
Tools, Shop and Garage Equipment	4	-	72	4	1	5	62
Laboratory Equipment	1A	-	-	-	-	-	-
Power Operated Equipment	4	-	-	-	-	-	-
Communication Equipment	-	-	-	-	-	-	-
General	4	498	27	8	32	-	430

**AQUA PENNSYLVANIA, INC**  
**WASTEWATER OPERATIONS - CHELTENHAM**  
**COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023**

Account (1)	Factor Ref. (2)	Cost of Service (3)	Collection (4)	Flow (5)	Treatment (6)	Max Hour (6)	Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
SCADA	4	2,553	-	140	43	-	165	-	2,205
Miscellaneous Equipment	4	-	-	-	-	-	-	-	-
Other Tangible Plant	4	-	-	-	-	-	-	-	-
<b>Total Depreciation Expense</b>		<b>1,011,770</b>		<b>500,473</b>	<b>124</b>	<b>0</b>	<b>450,926</b>	<b>53,956</b>	<b>6,291</b>
<b>Taxes Other Than Income</b>									
PUC Assessment	7	46,667	24,015	140	-	21,756	607	149	
OCA, OSBA Assessment	7	18,963	9,758	57	-	8,840	247	61	
Local Property Tax	7	0	-	-	-	-	-	-	
<b>Total Taxes, Other Than Income</b>		<b>65,630</b>	<b>33,773</b>	<b>197</b>	<b>0</b>	<b>30,597</b>	<b>853</b>	<b>210</b>	
<b>Total Operating Expense</b>									
Income Taxes	7	1,015,684	616,562	1,697,935	0	2,084,767	54,981	1,235,582	
Utility Income Available for Return	7	3,610,563	522,671	3,047	0	473,512	13,204	3,250	
<b>Total Cost of Service</b>		<b>10,316,074</b>	<b>1,857,996</b>	<b>10,832</b>	<b>0</b>	<b>1,683,245</b>	<b>46,937</b>	<b>11,554</b>	
<b>Less: Other Revenues</b>									
Other Operating Revenues	8	20,377	5,922	3,381	-	8,379	228	2,470	
<b>Total Cost of Service Related to Sales of Wastewater Services</b>		<b>10,295,696</b>	<b>2,991,308</b>	<b>1,708,434</b>	<b>0</b>	<b>4,233,145</b>	<b>114,894</b>	<b>1,247,916</b>	

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - CHELTENHAM

FACTORS FOR ALLOCATING COST OF SERVICE TO COST FUNCTIONS

Reference	Flow		Infiltration & Inflow	Customer Facilities	Customer Accounting	Total
	Treatment	Collection				
Factor 1 - Flow and I&I	0.5261		0.4739			1.0000
Factor 2 - Customer Facilities				1.0000		1.0000
Factor 3 - Customer Accounting					1.0000	1.0000
Factor 4 - O&M Exp less Power and Chemicals						
Cost Factor	19,335 0.0548	5,989 0.0170	22,811 0.0646	0 0.0000	304,887 0.8636	353,022 1.0000
Factor 5 - Labor Expense						
Cost Factor	20,122 0.0548	6,242 0.0170	23,721 0.0646	0 0.0000	317,112 0.8636	367,197 1.0000
Factor 6 - Rate Base less Allocated Costs						
Cost Factor	24,500,687 0.5186	1,006 0.0000	22,070,614 0.4672	619,414 0.0131	51,090 0.0011	47,242,810 1.0000
Factor 7 - Rate Base						
Cost Factor	24,320,536 0.5146	139,675 0.0030	22,033,216 0.4662	614,703 0.0130	151,049 0.0032	47,259,177 1.0000
Factor 8 - Total Cost of Service						
Cost Factor	2,992,737 0.2906	1,709,259 0.1659	4,235,175 0.4112	114,950 0.0112	1,247,927 0.1212	10,300,049 1.0001
Factor 9 - O&M Exp						
Cost Factor	77,824 0.0169	1,695,060 0.3688	1,596,896 0.3474	0 0.0000	1,226,622 0.2669	4,596,401 1.0000

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - EAST BRADFORD  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

<b>RATE BASE</b>	Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow		Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
				Collection (4)	Treatment (5)			
Organization	1	1	324,740	170,846	0	153,894	0	0
Land and Land Rights - Collection		1	0	0	0	0	0	0
Land and Land Rights - Pumping		1	57,798	30,407	0	27,390	0	0
Land and Land Rights - Treatment and Disp.		1A	0	0	0	0	0	0
Structures and Improvements								
Collection	1		1,488,975	783,350	0	705,625	0	0
Pumping	1		241,368	126,984	0	114,384	0	0
Treatment and Disposal	1A		0	0	0	0	0	0
Reclaimed Water Treatment	1A		0	0	0	0	0	0
General	4		0	0	0	0	0	0
Power Operating Equipment								
Collection	1		0	0	0	0	0	0
Pumping	1		0	0	0	0	0	0
Treatment and Disposal	1A		52,837	0	27,798	25,039	0	0
Collection Mains - Gravity	1		395,795	208,228	0	187,567	0	0
Collection Mains - Force	1		1,991,663	1,047,814	0	943,849	0	0
Special Collecting Structures	1		0	0	0	0	0	0
Services	2		232,165	0	0	0	0	0
Meters	2		22,845	0	0	0	0	0
Receiving Wells	1		0	0	0	0	0	0
Pumping Equipment	1		62,148	32,696	0	29,452	0	0
RWT Pumping Equipment	1A		0	0	0	0	0	0
Treatment and Disposal Equipment	1A		344,032	0	180,995	163,037	0	0
Plant Sewers								
Treatment and Disposal	1A		0	0	0	0	0	0
Reclaimed Water Treatment Equipment	1A		0	0	0	0	0	0
Outfall Lines	1		0	0	0	0	0	0
Other Plant and Misc. Equipment								
Collection	1		0	0	0	0	0	0
Pumping	1		0	0	0	0	0	0
Treatment and Disposal	1A		0	0	0	0	0	0

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - EAST BRADFORD  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Infiltration & Inflow (7)			
Office Furniture	4	0	0	0	0	0	0	0
Office Equipment	4	0	0	0	0	0	0	0
Computer Hardware	4	0	0	0	0	0	0	0
Computer Software	4	0	0	0	0	0	0	0
Transportation Equipment	4	0	0	0	0	0	0	0
Stores Equipment	4	0	0	0	0	0	0	0
Tools, Shop and Garbage Equipment	4	0	0	0	0	0	0	0
Laboratory Equipment	1A	0	0	0	0	0	0	0
Power Operated Equipment	4	0	0	0	0	0	0	0
Communication Equipment	4	0	0	0	0	0	0	0
General	4	124,007	50,818	409	46,143	0	0	0
SCADA	4	0	0	0	0	0	0	26,637
Miscellaneous Equipment	4	0	0	0	0	0	0	0
Other Tangible Plant	4	0	0	0	0	0	0	0
<b>TOTAL UTILITY PLANT IN SERVICE SEWER</b>		<b>\$ 5,338,372</b>	<b>\$ 2,451,142</b>	<b>\$ 209,202</b>	<b>\$ 2,396,382</b>	<b>\$ 255,010</b>	<b>\$ 26,637</b>	
Other Rate Base Items:								
Deferred Taxes	6	0	0	0	0	0	0	0
Working Capital	9	62,000	6,591	24,310	27,832	0	0	3,267
Customer Advances	6	(23,166)	(10,635)	(908)	(10,399)	(1,107)	(1,107)	(116)
Total Other Rate Base Elements		<b>38,834</b>	<b>(4,045)</b>	<b>23,402</b>	<b>17,433</b>	<b>(1,107)</b>	<b>(1,107)</b>	<b>3,152</b>
<b>Total Original Cost Measure of Value</b>		<b><u>5,377,207</u></b>	<b><u>2,447,097</u></b>	<b><u>232,604</u></b>	<b><u>2,413,814</u></b>	<b><u>253,903</u></b>	<b><u>29,788</u></b>	

AQUA PENNSYLVANIA, INC  
AQUA PENNSYLVANIA WASTEWATER OPERATIONS - EAST NORRITON  
COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT AND PROPOSED RATES - WASTEWATER  
FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Customer Classification (1)	Amount (2)	Cost of Service			Revenues, Present Rates			Revenues, Proposed Rates			Proposed Increase Percent (11)
		Act 11 (3)	Revised COS (4)	Percent (5)	Amount (6)	Percent (7)	Amount (8)	Percent (9)	Amount (10)	Percent (11)	
Residential	\$ 4,380,035	\$ (1,201,528)	\$ 3,178,507	78.0%	\$ 2,099,876	72.0%	\$ 3,178,473	78.0%	\$ 1,078,598	51.4%	
Non-Residential	1,443,466	\$ (547,753)	\$ 895,713	22.0%	816,460	28.0%	895,713	22.0%	79,253	9.7%	
Total Sales	5,823,501	(1,749,281)	4,074,220	100.0%	2,916,336	100.0%	4,074,187	100.0%	1,157,851	39.7%	
Other Revenues	7,435		7,435		7,435		7,435		-	0.0%	
<b>Total</b>	<b>\$ 5,830,936</b>		<b>\$ 4,081,655</b>		<b>\$ 2,923,770</b>		<b>\$ 4,081,621</b>		<b>\$ 1,157,851</b>	<b>39.6%</b>	

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - EAST NORRITON

ALLOCATION OF COST OF SERVICE BY FUNCTION TO CUSTOMER CLASSIFICATIONS

Description (1)	Flow		Infiltration & Inflow (5)	Customer Facilities (6)	Customer Accounting (7)
	Collection (2)	Treatment (3)			
Total Cost of Service	\$ 1,917,646	\$ 760,396	\$ 2,412,480	\$ 320,592	\$ 412,386
Factor Reference	A	A1	C	B	B
Residential Factor Cost of Service	\$ 1,216,555	\$ 482,395	\$ 2,001,394	0.9273 297,285	382,406 4,380,035
Non-Residential Factor Cost of Service	\$ 0.3656 \$ 701,091	\$ 0.3656 \$ 278,001	\$ 0.1704 \$ 411,087	0.0727 23,307	0.0727 29,980 \$ 1,443,466
Total	1,917,646	760,396	2,412,481	320,592	412,386
					5,823,501

**AQUA PENNSYLVANIA, INC**  
**AQUA PENNSYLVANIA WASTEWATER OPERATIONS - EAST NORRITON**  
**FACTORS FOR ALLOCATING COSTS BY FUNCTION TO CUSTOMER CLASSIFICATIONS**

**FACTOR A. ALLOCATION OF FLOW COLLECTION COSTS.**

Factors are based on the pro forma test year average daily consumption for each customer classification.

Classification (1)	Average Daily Consumption, 100 gallons (2)	Allocation Factor (3)
Residential	6,063	0.6344
Non-Residential	3,494	0.3656
Total	<u>9,557</u>	<u>1.0000</u>

**FACTOR A1. ALLOCATION OF FLOW TREATMENT COSTS.**

Factors are based on the pro forma test year average daily consumption for each customer

Classification (1)	Average Daily Consumption, 100 gallons (2)	Allocation Factor (3)
Residential	6,063	0.6344
Non-Residential	3,494	0.3656
Total	<u>9,557</u>	<u>1.0000</u>

**AQUA PENNSYLVANIA, INC**  
**AQUA PENNSYLVANIA WASTEWATER OPERATIONS - EAST NORRITON**  
**FACTORS FOR ALLOCATING COSTS BY FUNCTION TO CUSTOMER CLASSIFICATIONS**

**FACTOR B. ALLOCATION OF COSTS ASSOCIATED WITH BILLING AND COLLECTING.**

Factors are based on the number of customers.

Customer Classification (1)	Number of Customers (2)	Allocation Factor (3)
Residential	4,601	0.9273
Non-Residential	361	0.0727
Total	<b><u>4,961</u></b>	<b><u>1.0000</u></b>

**FACTOR C. ALLOCATION OF COSTS ASSOCIATED WITH INFILTRATION AND INFLOW.**

Factors are based on a 1/3-2/3 weighting of flow and number of customers.

Customer Classification (1)	Average Daily Flow Factor A (2)	Average Daily Flow Weight (3)=(2) x 0.3333	Number of Bills Factor C (4)	Number of Bills Weight (5)=(4) x 0.6667	Allocation Factor (6)=(3)+(5)
Residential	0.6344	0.2114	0.9273	0.6182	0.8296
Non-Residential	0.3656	0.1219	0.0727	0.0485	0.1704
Total	<b><u>1.0000</u></b>	<b><u>0.3333</u></b>	<b><u>1.0000</u></b>	<b><u>0.6667</u></b>	<b><u>1.0000</u></b>

AQUA PENNSYLVANIA, INC  
AQUA PENNSYLVANIA WASTEWATER OPERATIONS - EAST NORRITON  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Account (1)	Factor Ref. (2)	Cost of Service (3)	Collection (4)	Flow Treatment (5)	Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
<b>OPERATION AND MAINTENANCE EXPENSES</b>							
<b>COLLECTION</b>							
Purchased Power	1	122,439	64,415	0	58,024	0	0
Purchased Power	1	0	0	0	0	0	0
Supplies	1	0	0	0	0	0	0
OS Other	1	129,350	68,051	0	61,299	0	0
TOTAL COLLECTION EXPENSE		251,789	132,466	0	119,323	0	0
<b>PUMPING</b>							
Labor	1	0	0	0	0	0	0
Purchased Power	1	0	0	0	0	0	0
Purchased Power	1	0	0	0	0	0	0
Supplies	1	0	0	0	0	0	0
OS Other	1	0	0	0	0	0	0
Other	1	310	163	0	147	0	0
		310	163	0	147	0	0
<b>SEWAGE TREATMENT</b>							
Salary and Wages	1A	0	753,547	0	678,779	0	0
Purchased Wastewater	1A	0	0	0	0	0	0
Chemicals	1A	0	0	0	0	0	0
Sludge Disposal	1A	0	0	0	0	0	0
Lab Testing	1A	0	0	0	0	0	0
Supplies	1A	0	1,171	1,055	0	0	0
Transportation	1A	0	0	0	0	0	0
OS Other	1A	0	0	0	0	0	0
<b>RECLAIMED WATER TREATMENT</b>							
OS Other	1	0	0	0	0	0	0
<b>TOTAL SEWAGE TREATMENT EXPENSE</b>		1,434,552	0	754,718	679,834	0	0

**AQUA PENNSYLVANIA, INC**  
**AQUA PENNSYLVANIA WASTEWATER OPERATIONS - EAST NORRITON**  
**COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023**

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Infiltration & Inflow (7)			
<b>CUSTOMER ACCOUNTS</b>								
Salary and Wages	3	86,245	0	0	0	0	0	0
Other	3	69,527	0	0	0	0	0	86,245
Uncollectible Accounts	3							69,527
<b>TOTAL CUSTOMER ACCOUNTING EXPENSE</b>		155,773	0	0	0	0	0	155,773
<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>								
Salaries and Wages	4	137,735	32,657	565	29,930	0	0	74,584
Employee Benefits	5	77,148	18,292	316	16,764	0	0	41,775
Supplies	4		0	0	0	0	0	0
Accounting	4	6,032	1,430	25	1,311	0	0	3,267
Legal	4	0	0	0	0	0	0	0
Management Fees	4	215,006	50,978	882	46,721	0	0	116,425
Leases	4		0	0	0	0	0	0
Transportation	4		0	0	0	0	0	0
Insurance other than Group	4	20,274	4,807	83	4,405	0	0	10,978
OS Other	4	4,136	981	17	899	0	0	2,239
Amortization of Rate Case Expense	8	7,677	2,528	1,003	3,181	423	541	541
Other	4	7,402	1,755	30	1,609	0	4,008	4,008
Employee Benefits	5		0	0	0	0	0	0
<b>TOTAL A &amp; G EXPENSE</b>		475,410	113,427	2,921	104,820	0	423	253,819
<b>Total Operation &amp; Maintenance Expenses</b>		2,317,833	246,057	757,639	904,124	423	423	409,591
<b>DEPRECIATION EXPENSE</b>								
Structures and Improvements	1	-	-	-	-	-	-	-
Collection	1	63,086	33,190	-	-	29,896	-	-
Pumping		-	-	-	-	-	-	-
Treatment and Disposal	1A	-	-	-	-	-	-	-
Reclaimed Water Treatment	1A	-	-	-	-	-	-	-
General	4	-	-	-	-	-	-	-

AQUA PENNSYLVANIA, INC  
AQUA PENNSYLVANIA WASTEWATER OPERATIONS - EAST NORRITON  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Customer Facilities (8)			
Power Operating Equipment								
Collection	1	-						
Pumping	1	32,805		17,259				
Treatment and Disposal	1A	-		-				
Collection Mains - Gravity	1	33,547		17,649				
Collection Mains - Force	1	509,816		268,214				
Special Collecting Structures	1	-		-				
Services	2	92,628		-				
Meters	2	12,104		-				
Receiving Wells	1	-		-				
Pumping Equipment	1	205,079		107,892				
RWT Pumping Equipment	1A	-		-				
Treatment and Disposal Equipment	1A	-		-				
Plant Sewers								
Treatment and Disposal	1A	-		-				
Reclaimed Water Treatment Equipment	1A	-		-				
Outfall Lines	1	-		-				
Other Plant and Misc. Equipment								
Collection	1	-		-				
Pumping	1	-		-				
Treatment and Disposal	1A	-		-				
Office Furniture	4	-		-				
Office Equipment	4	-		-				
Computer Hardware	4	-		-				
Computer Software	4	-		-				
Transportation Equipment	4	-		-				
Stores Equipment	4	-		-				
Tools, Shop and Garage Equipment	4	-		-				
Laboratory Equipment	1A	1,229		-				
Power Operated Equipment	4	74		18				
Communication Equipment		-		-				
General	4	2,136		506				
					9		464	
								1,157

**AQUA PENNSYLVANIA, INC**  
**AQUA PENNSYLVANIA WASTEWATER OPERATIONS - EAST NORRITON**  
**COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023**

Account (1)	Factor Ref. (2)	Cost of Service (3)	Collection (4)	Flow (5)	Treatment (5)	Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
SCADA	4	-	-	32	1	-	-	-
Miscellaneous Equipment	4	137	-	-	-	30	-	74
Other Tangible Plant	4	-	-	-	-	-	-	-
<b>Total Depreciation Expense</b>		<b>952,641</b>	<b>444,760</b>	<b>656</b>	<b>401,222</b>	<b>104,732</b>	<b>1,271</b>	
 <b>Taxes Other Than Income</b>								
PUC Assessment	7	26,378	12,664	32	11,437	2,224	21	
OCA, OSBA Assessment	7	10,718	5,146	13	4,647	904	9	
Local Property Tax	7	0	-	-	-	-	-	-
<b>Total Taxes, Other Than Income</b>		<b>37,096</b>	<b>17,810</b>	<b>45</b>	<b>16,085</b>	<b>3,127</b>	<b>30</b>	
 <b>Total Operating Expense</b>								
		3,307,570	708,627	758,340	1,321,430	108,282	410,892	
<b>Income Taxes</b>	7	<b>589,846</b>	<b>283,185</b>	<b>708</b>	<b>255,757</b>	<b>49,724</b>	<b>472</b>	
<b>Utility Income Available for Return</b>	7	<b>1,933,519</b>	<b>928,282</b>	<b>2,320</b>	<b>838,374</b>	<b>162,996</b>	<b>1,547</b>	
<b>Total Cost of Service</b>		<b>5,830,935</b>	<b>1,920,094</b>	<b>761,368</b>	<b>2,415,561</b>	<b>321,002</b>	<b>412,910</b>	
 <b>Less: Other Revenues</b>								
Contract Revenue	8	-	-	-	-	-	-	-
Third Party Sales	8	-	-	-	-	-	-	-
Other Operating Revenues	8	7,435	2,448	972	3,081	410	524	
<b>Total Cost of Service Related to Sales of Wastewater Services</b>		<b>5,823,501</b>	<b>1,917,646</b>	<b>760,396</b>	<b>2,412,480</b>	<b>320,592</b>	<b>412,386</b>	

AQUA PENNSYLVANIA, INC  
AQUA PENNSYLVANIA WASTEWATER OPERATIONS - EAST NORRITON  
FACTORS FOR ALLOCATING COST OF SERVICE TO COST FUNCTIONS

Reference	Flow		Infiltration & Inflow	Customer Facilities	Customer Accounting	Total
	Treatment	Collection				
Factor 1 - Flow and I&I	0.5261		0.4739			1.0000
Factor 2 - Customer Facilities				1.0000		1.0000
Factor 3 - Customer Accounting					1.0000	1.0000
Factor 4 - O&M Exp less Power and Chemicals						
Cost Factor	68,214 0.2371	1,171 0.0041	62,501 0.2173	0 0.0000	155,773 0.5415	287,658 1.0000
Factor 5 - Labor Expense						
Cost Factor	32,657 0.2371	565 0.0041	29,930 0.2173	0 0.0000	74,584 0.5415	137,735 1.0000
Factor 6 - Rate Base less Allocated Costs						
Cost Factor	12,140,042 0.4813	5,149 0.0002	10,940,137 0.4337	2,132,187 0.0845	6,708 0.0003	25,224,222 1.0000
Factor 7 - Rate Base						
Cost Factor	12,150,326 0.4801	31,397 0.0012	10,973,044 0.4336	2,132,515 0.0843	20,821 0.0008	25,308,103 1.0000
Factor 8 - Total Cost of Service						
Cost Factor	1,916,585 0.3293	760,347 0.1307	2,411,481 0.4144	320,579 0.0551	410,130 0.0705	5,819,122 1.0000
Factor 9 - O&M Exp						
Cost Factor	242,548 0.1052	756,618 0.3281	900,043 0.3903	0 0.0000	406,810 0.1764	2,306,020 1.0000

AQUA PENNSYLVANIA, INC  
AQUA PENNSYLVANIA WASTEWATER OPERATIONS - EAST NORRITON  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

<u>RATE BASE</u>	Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow		Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
				Collection (4)	Treatment (5)			
Organization	1	1	340,540	179,158	0	161,382	0	0
Land and Land Rights - Collection		1	0	0	0	0	0	0
Land and Land Rights - Pumping		1	171	90	0	81	0	0
Land and Land Rights - Treatment and Disp.		1A	0	0	0	0	0	0
Structures and Improvements								
Collection	1		0	0	0	0	0	0
Pumping	1		1,677,278	882,416	0	794,862	0	0
Treatment and Disposal	1A		0	0	0	0	0	0
Reclaimed Water Treatment	1A		0	0	0	0	0	0
General	4		0	0	0	0	0	0
Power Operating Equipment								
Collection	1		0	0	0	0	0	0
Pumping	1		224,657	118,192	0	106,465	0	0
Treatment and Disposal	1A		0	0	0	0	0	0
Collection Mains - Gravity	1		983,739	517,545	0	466,194	0	0
Collection Mains - Force	1		17,709,005	9,316,708	0	8,392,297	0	0
Special Collecting Structures	1		0	0	0	0	0	0
Services	2		2,068,168	0	0	0	0	0
Meters	2		64,019	0	0	0	0	0
Receiving Wells	1		0	0	0	0	0	0
Pumping Equipment	1		2,134,567	1,122,996	0	1,011,571	0	0
RWT Pumping Equipment	1A		0	0	0	0	0	0
Treatment and Disposal Equipment	1A		0	0	0	0	0	0
Plant Sewers								
Treatment and Disposal	1A		0	0	0	0	0	0
Reclaimed Water Treatment Equipment	1A		0	0	0	0	0	0
Outfall Lines	1		0	0	0	0	0	0
Other Plant and Misc. Equipment								
Collection	1		0	0	0	0	0	0
Pumping	1		0	0	0	0	0	0
Treatment and Disposal	1A		0	0	0	0	0	0

**AQUA PENNSYLVANIA, INC**  
**AQUA PENNSYLVANIA WASTEWATER OPERATIONS - EAST NORRITON**  
**COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023**

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Infiltration & Inflow (7)			
Office Furniture	4	0	0	0	0	0	0	0
Office Equipment	4	0	0	0	0	0	0	0
Computer Hardware	4	0	0	0	0	0	0	0
Computer Software	4	0	0	0	0	0	0	0
Transportation Equipment	4	0	0	0	0	0	0	0
Stores Equipment	4	0	0	0	0	0	0	0
Tools, Shop and Garbage Equipment	4	0	0	0	0	0	0	0
Laboratory Equipment	1A	9,690	0	5,098	4,592	0	0	0
Power Operated Equipment	4	1,147	272	5	249	0	0	621
Communication Equipment	4	9,076	2,152	37	1,972	0	0	4,915
General	4	0	0	0	0	0	0	0
SCADA	4	2,165	513	9	470	0	0	1,172
Miscellaneous Equipment	4	0	0	0	0	0	0	0
Other Tangible Plant	4							
<b>TOTAL UTILITY PLANT IN SERVICE SEWER</b>		<b>\$ 25,224,222</b>	<b>\$ 12,140,042</b>	<b>\$ 5,149</b>	<b>\$ 10,940,137</b>	<b>\$ 2,132,187</b>	<b>\$ 6,708</b>	
Other Rate Base Items:								
Deferred Taxes	6	0	0	0	0	0	0	0
Working Capital	9	80,000	8,416	26,248	31,224	0	0	14,112
Customer Advances	6	3,881	1,868	1	1,683		328	1
Total Other Rate Base Elements		<b>83,881</b>	<b>10,284</b>	<b>26,249</b>	<b>32,907</b>	<b>0</b>	<b>328</b>	<b>14,113</b>
<b>Total Original Cost Measure of Value</b>		<b>25,308,103</b>	<b>12,150,326</b>	<b>31,397</b>	<b>10,973,044</b>	<b>2,132,515</b>	<b>20,821</b>	

AQUA PENNSYLVANIA, INC.  
WASTEWATER OPERATIONS - NEW GARDEN DIVISION  
COMPARISON OF COST OF SERVICE WITH REVENUES UNDER PRESENT AND PROPOSED RATES - WASTEWATER  
FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Customer Classification (1)	Amount (2)	Cost of Service			Revenues, Present Rates			Revenues, Proposed Rates			Proposed Increase Percent (11)
		Act 11 (3)	Revised COS (4)	Percent (5)	Amount (6)	Percent (7)	Amount (8)	Percent (9)	Amount (10)	Percent (11)	
Residential	\$ 4,844,816	\$ (1,686,782)	\$ 3,158,034	80.2%	\$ 2,291,038	79.8%	\$ 3,147,825	80.0%	\$ 856,787	37.4%	
Non-Residential	777,787	\$ -	\$ 777,787	19.8%	580,660	20.2%	787,612	20.0%	206,952	35.6%	
Total Sales	5,622,603	(1,686,782)	3,935,821	<u>100.0%</u>	2,871,698	<u>100.0%</u>	3,935,437	<u>100.0%</u>	1,063,739	37.0%	
Total	<u>\$ 5,622,603</u>	<u>\$ 3,935,821</u>			<u>\$ 2,871,698</u>		<u>\$ 3,935,437</u>		<u>\$ 1,063,739</u>	37.0%	

AQUA PENNSYLVANIA, INC  
WASTEWATER OPERATIONS - NEW GARDEN

ALLOCATION OF COST OF SERVICE BY FUNCTION TO CUSTOMER CLASSIFICATIONS

Description (1)	Flow		Infiltration & Inflow (5)	Customer Facilities (6)	Customer Accounting (7)
	Collection (2)	Treatment (3)			
Total Cost of Service	\$ 824,091	\$ 1,347,532	\$ 3,117,584	\$ 198,692	\$ 134,707
Factor Reference	A	A1	C	B	B
Residential Factor Cost of Service	\$ 0.8284 682,677	\$ 1,116,295	\$ 0.8801 2,743,785	0.9060 180,015	0.9060 122,044
Non-Residential Factor Cost of Service	\$ 0.1716 141,414	\$ 231,236	\$ 0.1199 373,798	0.0940 18,677	0.0940 12,662
Total	\$ 824,091	1,347,531	3,117,583	198,692	134,706
					5,622,603

AQUA PENNSYLVANIA, INC.  
WASTEWATER OPERATIONS - NEW GARDEN DIVISION  
FACTORS FOR ALLOCATING COSTS BY FUNCTION TO CUSTOMER CLASSIFICATIONS

FACTOR A. ALLOCATION OF FLOW COLLECTION COSTS.

Factors are based on the pro forma test year average daily consumption for each customer classification.

Classification (1)	Average Daily Consumption, 100 gallons (2)	Allocation Factor (3)
Residential	2,361	0.8284
Non-Residential	489	0.1716
Total	<u>2,850</u>	<u>1.0000</u>

FACTOR A1. ALLOCATION OF FLOW TREATMENT COSTS.

Factors are based on the pro forma test year average daily consumption for each customer classification.

Classification (1)	Average Daily Consumption, 100 gallons (2)	Allocation Factor (3)
Residential	2,361	0.8284
Non-Residential	489	0.1716
Total	<u>2,850</u>	<u>1.0000</u>

AQUA PENNSYLVANIA, INC.  
WASTEWATER OPERATIONS - NEW GARDEN DIVISION  
FACTORS FOR ALLOCATING COSTS BY FUNCTION TO CUSTOMER CLASSIFICATIONS

**FACTOR B. ALLOCATION OF COSTS ASSOCIATED WITH BILLING AND COLLECTING.**

Factors are based on the number of customers.

Customer Classification (1)	Number of Customers (2)	Allocation Factor (3)
Residential	1,916	0.9060
Non-Residential	199	0.0940
Total	<u><u>2,115</u></u>	<u><u>1.0000</u></u>

**FACTOR C. ALLOCATION OF COSTS ASSOCIATED WITH INFILTRATION AND INFLOW.**

Factors are based on a 1/3-2/3 weighting of flow and number of customers.

Customer Classification (1)	Average Daily Flow		Number of Bills		Allocation Factor (6)=(3)+(5)
	Factor A (2)	Weight (3)=(2) x 0.3333	Factor C (4)	Weight (5)=(4) x 0.6667	
Residential	0.8284	0.2761	0.9060	0.6040	0.8801
Non-Residential	0.1716	0.0572	0.0940	0.0627	0.1199
Total	<u><u>1.0000</u></u>	<u><u>0.3333</u></u>	<u><u>1.0000</u></u>	<u><u>0.6667</u></u>	<u><u>1.0000</u></u>

AQUA PENNSYLVANIA, INC.  
WASTEWATER OPERATIONS - NEW GARDEN DIVISION  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Account (1)	Factor Ref. (2)	Cost of Service (3)	Collection (4)	Flow (5)	Treatment (5)	Max Hour (6)	Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
<b>OPERATION AND MAINTENANCE EXPENSES</b>									
<b>COLLECTION</b>									
Purchased Power	1	130,019	53,386	0	0	0	76,633	0	0
Purchased Power	1	858	352	0	0	0	506	0	0
Supplies	1		0	0	0	0	0	0	0
OS Other	1	26,361	10,824	0	0	0	15,537	0	0
<b>TOTAL COLLECTION EXPENSE</b>		<b>157,238</b>	<b>64,562</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>92,676</b>	<b>0</b>	<b>0</b>
<b>PUMPING</b>									
Labor	1		0	0	0	0	0	0	0
Purchased Power	1		0	0	0	0	0	0	0
Purchased Power	1		0	0	0	0	0	0	0
Supplies	1	5,161	2,119	0	0	0	3,042	0	0
OS Other	1	100,877	41,420	0	0	0	59,457	0	0
Other	1		0	0	0	0	0	0	0
<b>TOTAL PUMPING EXPENSE</b>		<b>106,038</b>	<b>43,539</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>62,499</b>	<b>0</b>	<b>0</b>
<b>SEWAGE TREATMENT</b>									
Salary and Wages	1A		0	0	0	0	0	0	0
Purchased Wastewater	1A	1,200,000	492,720	0	0	0	707,280	0	0
Chemicals	1A	1,428	586	0	0	0	842	0	0
Sludge Disposal	1A		0	0	0	0	0	0	0
Lab Testing	1A	16,215	6,658	0	0	0	9,557	0	0
Supplies	1A		0	0	0	0	0	0	0
Transportation	1A		0	0	0	0	0	0	0
OS Other	1A	161,971	66,505	0	0	0	95,466	0	0
<b>RECLAIMED WATER TREATMENT</b>									
OS Other	1		0	0	0	0	0	0	0
<b>TOTAL SEWAGE TREATMENT EXPENSE</b>		<b>1,379,614</b>	<b>0</b>	<b>566,469</b>	<b>0</b>	<b>0</b>	<b>813,144</b>	<b>0</b>	<b>0</b>

AQUA PENNSYLVANIA, INC.  
WASTEWATER OPERATIONS - NEW GARDEN DIVISION  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Max Hour (6)			
<b>CUSTOMER ACCOUNTS</b>								
Salary and Wages	3	28,571	0	0	0	0	0	0
Other	3	67,129	0	0	0	0	0	28,571
Uncollectible Accounts	3							67,129
<b>TOTAL CUSTOMER ACCOUNTING EXPENSE</b>		95,700	0	0	0	0	0	95,700
<b>ADMINISTRATIVE AND GENERAL EXPENSES</b>								
Salaries and Wages	4	12,112	1,627	2,177	0	5,461	0	2,848
Employee Benefits	5	4,904	659	881	0	2,211	0	1,153
Supplies	4		0	0	0	0	0	0
Accounting	4	806	108	145	0	363	0	189
Legal	4		0	0	0	0	0	0
Management Fees	4	85,388	11,468	15,344	0	38,501	0	20,075
Leases	4		0	0	0	0	0	0
Transportation	4		0	0	0	0	0	0
Insurance other than Group	4	8,051	1,081	1,447	0	3,630	0	1,893
OS Other	4	2,934	394	527	0	1,323	0	690
Amortization of Rate Case Expense	8	3,049	447	731	0	1,691	108	73
Other	4	25,900	3,478	4,654	0	11,678	0	6,089
Employee Benefits	5		0	0	0	0	0	0
<b>TOTAL A &amp; G EXPENSE</b>		143,144	19,262	25,906	0	64,859	108	33,009
<b>Total Operation &amp; Maintenance Expenses</b>		1,881,734	127,363	592,375	0	1,033,179	108	128,709
<b>DEPRECIATION EXPENSE</b>								
Structures and Improvements	1	-	-	-	-	-	-	-
Collection	1	57,803	23,734	-	-	34,069	-	-
Pumping	1A	318,329	-	130,706	-	187,623	-	-
Treatment and Disposal	1A	-	-	-	-	-	-	-
Reclaimed Water Treatment	4	6,063	814	1,090	-	2,734	-	1,425

AQUA PENNSYLVANIA, INC.  
WASTEWATER OPERATIONS - NEW GARDEN DIVISION  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Infiltration & Inflow (7)	Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Max Hour (6)			
Power Operating Equipment								
Collection	1	-	-	-	-	-	-	-
Pumping	1	26,477	10,871	-	-	-	15,606	-
Treatment and Disposal	1A	4,931	-	2,025	-	-	2,906	-
Collection Mains - Gravity	1	51,288	21,059	-	-	-	30,229	-
Collection Mains - Force	1	162,459	66,706	-	-	-	95,753	-
Special Collecting Structures	1	-	-	-	-	-	-	-
Services	2	37,543	-	-	-	-	37,543	-
Meters	2	4,779	-	-	-	-	4,779	-
Receiving Wells	1	-	-	-	-	-	-	-
Pumping Equipment	1	29,734	12,209	-	17,525	-	-	-
RWT Pumping Equipment	1A	-	-	-	-	-	-	-
Treatment and Disposal Equipment	1A	29,759	-	-	-	-	-	-
Plant Sewers	1A	-	-	-	-	-	12,219	17,540
Treatment and Disposal	1A	-	-	-	-	-	-	-
Reclaimed Water Treatment Equipment	1A	-	-	-	-	-	-	-
Outfall Lines	1	-	-	-	-	-	-	-
Other Plant and Misc. Equipment								
Collection	1	-	-	-	-	-	-	-
Pumping	1	-	-	-	-	-	-	-
Treatment and Disposal	1A	-	-	-	-	-	-	-
Office Furniture	4	-	-	-	-	-	-	-
Office Equipment	4	-	-	-	-	-	-	-
Computer Hardware	4	-	-	-	-	-	-	-
Computer Software	4	-	-	-	-	-	-	-
Transportation Equipment	4	-	-	-	-	-	-	-
Stores Equipment	4	-	-	-	-	-	-	-
Tools, Shop and Garage Equipment	4	-	-	-	-	-	-	-
Laboratory Equipment	1A	513	69	92	-	-	231	-
Power Operated Equipment	4	6,156	827	1,106	-	-	2,776	-
Communication Equipment		-	-	-	-	-	-	-
General	4	-	-	-	-	-	-	-

AQUA PENNSYLVANIA, INC.  
WASTEWATER OPERATIONS - NEW GARDEN DIVISION  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Account (1)	Factor Ref. (2)	Cost of Service (3)	Collection (4)	Flow (5)	Treatment (6)	Max Hour (7)	Infiltration & Inflow (8)	Customer Facilities (8)	Customer Accounting (8)
SCADA	4	-	-	-	-	-	-	-	-
Miscellaneous Equipment	4	-	-	-	-	-	-	-	-
Other Tangible Plant	4	-	-	-	-	-	-	-	-
<b>Total Depreciation Expense</b>		<b>735,834</b>		<b>136,289</b>		<b>147,238</b>		<b>0</b>	<b>406,993</b>
 <b>Taxes Other Than Income</b>									
PUC Assessment	7	25,435	4,744	5,146	-	14,198	1,323	25	
OCA, OSBA Assessment	7	10,335	1,928	2,091	-	5,769	537	10	
Local Property Tax	7	0	-	-	-	-	-	-	
 <b>Total Taxes, Other Than Income</b>		<b>35,771</b>	<b>6,671</b>	<b>7,236</b>	<b>0</b>	<b>19,967</b>	<b>1,860</b>	<b>36</b>	
 <b>Total Operating Expense</b>									
 <b>Income Taxes</b>									
Income Taxes	7	658,480	270,323	746,849	0	1,460,139	44,290	131,738	
Utility Income Available for Return	7	2,310,787	430,962	467,472	0	1,289,882	120,161	2,311	
 <b>Total Cost of Service</b>		<b>5,622,606</b>	<b>824,091</b>	<b>1,347,532</b>	<b>0</b>	<b>3,117,584</b>	<b>198,692</b>	<b>134,707</b>	
 <b>Total Cost of Service Related to Sales of Wastewater Services</b>		<b>5,622,606</b>	<b>824,091</b>	<b>1,347,532</b>	<b>0</b>	<b>3,117,584</b>	<b>198,692</b>	<b>134,707</b>	

AQUA PENNSYLVANIA, INC.  
WASTEWATER OPERATIONS - NEW GARDEN DIVISION

FACTORS FOR ALLOCATING COST OF SERVICE TO COST FUNCTIONS

Reference	Flow		Infiltration & Inflow	Customer Facilities	Customer Accounting	Total
	Treatment	Collection				
Factor 1 - Flow and I&I	0.4106		0.5894			1.0000
Factor 2 - Customer Facilities				1.0000		1.0000
Factor 3 - Customer Accounting					1.0000	1.0000
Factor 4 - O&M Exp less Power and Chemicals						
Cost Factor	54,716 0.1343	73,163 0.1797	183,565 0.4509	0 0.0000	95,700 0.2351	407,144 1.0000
Factor 5 - Labor Expense						
Cost Factor	1,627 0.1343	2,177 0.1797	5,461 0.4509	0 0.0000	2,848 0.2351	12,112 1.0000
Factor 6 - Rate Base less Allocated Costs						
Cost Factor	5,686,777 0.1863	6,189,085 0.2026	17,047,354 0.5581	1,583,528 0.0518	36,503 0.0012	30,543,246 1.0000
Factor 7 - Rate Base						
Cost Factor	5,642,253 0.1865	6,118,671 0.2023	16,882,397 0.5582	1,572,856 0.0520	30,050 0.0010	30,246,227 1.0000
Factor 8 - Total Cost of Service						
Cost Factor	823,250 0.1466	1,346,274 0.2397	3,114,570 0.5545	198,584 0.0354	133,944 0.0238	5,616,622 1.0000
Factor 9 - O&M Exp						
Cost Factor	126,522 0.0675	591,117 0.3151	1,030,165 0.5492	0 0.0000	127,946 0.0682	1,875,750 1.0000

AQUA PENNSYLVANIA, INC.  
WASTEWATER OPERATIONS - NEW GARDEN DIVISION  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Max Hour (6)		
<b>RATE BASE</b>							
Organization	1	1,004,882	412,605	0	0	592,277	0
Land and Land Rights - Collection	1	0	0	0	0	0	0
Land and Land Rights - Pumping	1	1,125,227	462,018	0	0	663,209	0
Land and Land Rights - Treatment and Disp.	1A	6,150,273	0	2,525,302	0	3,624,971	0
Structures and Improvements							
Collection	1	0	0	0	0	0	0
Pumping	1	1,844,247	757,248	0	0	1,086,999	0
Treatment and Disposal	1A	8,097,068	0	3,324,656	0	4,772,412	0
Reclaimed Water Treatment	1A	0	0	0	0	0	0
General	4	109,505	14,707	19,678	0	49,376	0
Power Operating Equipment							
Collection	1	0	0	0	0	0	0
Pumping	1	175,715	72,149	0	0	103,566	0
Treatment and Disposal	1A	51,641	0	21,204	0	30,437	0
Collection Mains - Gravity	1	2,279,145	935,817	0	0	1,343,328	0
Collection Mains - Force	1	7,028,994	2,886,105	0	0	4,142,889	0
Special Collecting Structures	1	0	0	0	0	0	0
Services	2	1,498,996	0	0	0	1,498,996	0
Meters	2	84,532	0	0	0	84,532	0
Receiving Wells	1	0	0	0	0	0	0
Pumping Equipment	1	340,924	139,983	0	0	200,941	0
RWT Pumping Equipment	1A	0	0	0	0	0	0
Treatment and Disposal Equipment	1A	706,336	0	290,022	0	416,314	0
Plant Sewers							
Treatment and Disposal	1A	0	0	0	0	0	0
Reclaimed Water Treatment Equipment	1A	0	0	0	0	0	0
Outfall Lines	1	0	0	0	0	0	0
Other Plant and Misc. Equipment							
Collection	1	0	0	0	0	0	0
Pumping	1	0	0	0	0	0	0
Treatment and Disposal	1A	0	0	0	0	0	0

AQUA PENNSYLVANIA, INC.  
WASTEWATER OPERATIONS - NEW GARDEN DIVISION  
COST OF SERVICE ALLOCATED TO COST FUNCTIONS FOR THE TWELVE MONTHS ENDING MARCH 31, 2023

Account (1)	Factor Ref. (2)	Cost of Service (3)	Flow			Customer Facilities (8)	Customer Accounting (8)
			Collection (4)	Treatment (5)	Max Hour (6)		
Office Furniture	4	0	0	0	0	(7)	0
Office Equipment	4	0	0	0	0	0	0
Computer Hardware	4	0	0	0	0	0	0
Computer Software	4	0	0	0	0	0	0
Transportation Equipment	4	0	0	0	0	0	0
Stores Equipment	4	0	0	0	0	0	0
Tools, Shop and Garage Equipment	4	9,500	1,276	1,707	0	4,284	0
Laboratory Equipment	1A	0	0	0	0	0	0
Power Operated Equipment	4	36,261	4,870	6,516	0	16,350	0
Communication Equipment	4	0	0	0	0	0	0
General	4	0	0	0	0	0	0
SCADA	4	0	0	0	0	0	0
Miscellaneous Equipment	4	0	0	0	0	0	0
Other Tangible Plant	4	0	0	0	0	0	0
<b>TOTAL UTILITY PLANT IN SERVICE SEWER</b>		<b>\$ 30,543,246</b>	<b>\$ 5,686,777</b>	<b>\$ 6,189,085</b>	<b>\$ -</b>	<b>\$ 17,047,354</b>	<b>\$ 1,583,528</b>
Other Rate Base Items:							\$ 36,503
Deferred Taxes	6	0	0	0	0	0	0
Working Capital	9	(91,000)	(6,143)	(28,674)	0	(49,977)	(6,206)
Customer Advances	6	(206,019)	(38,381)	(41,740)	0	(114,979)	(247)
Total Other Rate Base Elements		(297,019)	(44,524)	(70,414)	0	(164,957)	(10,672)
<b>Total Original Cost Measure of Value</b>		<b>30,246,227</b>	<b>5,642,253</b>	<b>6,118,671</b>	<b>0</b>	<b>16,882,397</b>	<b>1,572,856</b>
							<b>30,050</b>

Exhibit No. 5-B Part II  
Docket No. R-2021-3027385  
Docket No. R-2021-3027386  
Witness: C.E. Heppenstall

# AQUA PENNSYLVANIA, INC.

BRYN MAWR, PENNSYLVANIA

OPERATING REVENUE FROM SALES OF  
WASTEWATER

FOR THE TWELVE MONTHS

ENDED MARCH 31, 2023



**Gannett Fleming**

*Excellence Delivered **As Promised***

Exhibit No. 5-B Part II  
Docket No. R-2021-3027385  
Docket No. R-2021-3027386  
Witness: C.E. Heppenstall

AQUA PENNSYLVANIA, INC.  
BRYN MAWR, PENNSYLVANIA

OPERATING REVENUE FROM SALES OF  
WASTEWATER  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC  
Camp Hill, Pennsylvania

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AQUA PENNSYLVANIA, INC.

OPERATING REVENUE FROM SALES OF WASTEWATER  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2023

PLAN OF EXHIBIT

Exhibit 5-B sets forth the summaries of the results of applying the present rates for sales of wastewater to a detailed analysis of water customers' consumption, and the application of proposed rates to the consumption analysis.

WASTEWATER BASE OPERATIONS

Schedule WW-1 presents a summary of the pro forma revenues for the consolidated divisions under proposed rates, for the twelve months ending March 31, 2023. The revenues under proposed rates are developed in Schedule 2 for the several divisions. Schedule WW-3 presents a summary of the proforma revenues for the consolidated divisions under present rates, for the twelve months ending March 31, 2023. The revenues under present rates are developed in Schedule WW-4 for the several divisions. The application of proposed rates to the consumption analysis for each division are presented on Schedule WW-5. Schedule WW-6 presents adjustments to the application of present and proposed rates to account for customer growth.

The results of the application of proposed rates are summarized in Schedule WW-2 of Exhibit No. 5-B are brought forward to column 3 of Schedule WW-1. Schedule WW-5 sets forth the application of proposed rates to the detailed analysis of bill and consumption by meter size and customer classification for each rate division. The revenues in column 3 of Schedule 1 are adjusted for changes during the twelve months

ended March 31, 2023 (column 6), to develop the total revenues projected for the twelve months ended March 31, 2023, under proposed, in column 8 of Schedule 1.

A comparison of the present and proposed rates for sales of water for each division is provided in the response to Standard Data Request No. OR-3 and is included in Schedule 7. The response also provides a comparison of the billing for various levels of consumption under present (including DSIC surcharge) and proposed rates for 5/8-inch customers in each division.

#### LIMERICK DIVISION

Schedule LMK-1 presents a summary of the pro forma revenues for the Limerick Division under proposed rates, for the twelve months ending March 31, 2023. Schedule LMK-2 presents a summary of the proforma revenues under present rates, for the twelve months ending March 31, 2023. The application of present and proposed rates to the consumption analysis are presented on Schedule LMK-3.

#### EAST BRADFORD DIVISION

Schedule EB-1 presents a summary of the pro forma revenues for the East Bradford Division under proposed rates, for the twelve months ending March 31, 2023. Schedule EB-2 presents a summary of the proforma revenues under present rates, for the twelve months ending March 31, 2023. The application of present and proposed rates to the consumption analysis are presented on Schedule EB-3. The application of present and proposed rates to the pro forma adjustments to annualize revenues from the acquisition are presented on Schedule EB-4.

## CHELTENHAM DIVISION

Schedule CH-1 presents a summary of the pro forma revenues for the Cheltenham Division under proposed rates, for the twelve months ending March 31, 2023. Schedule CH-2 presents a summary of the proforma revenues under present rates, for the twelve months ending March 31, 2023. The application of present and proposed rates to the consumption analysis are presented on Schedule CH-3.

## EAST NORRITON OPERATIONS

Schedule EN-1 presents a summary of the pro forma revenues for the under proposed rates, for the twelve months ending March 31, 2023. The revenues under proposed rates are developed in Schedule 2. Schedule EN-3 presents a summary of the proforma revenues for the consolidated divisions under present rates, for the twelve months ending March 31, 2023. The revenues under present rates are developed in Schedule EN-4. The application of proposed rates to the consumption analysis for each division are presented on Schedule EN-5. Schedule EN-6 presents adjustments to the application under present and proposed rates to annualize revenues from the acquisition.

The results of the application of proposed rates are summarized in Schedule EN-2 are brought forward to column 3 of Schedule EN-1. Schedule EN-5 sets forth the application of proposed rates to the detailed analysis of bill and consumption by meter size and customer classification for each rate division. The revenues in column 3 of Schedule 1 are adjusted for changes during the twelve months ended March 31, 2023 (column 6), to develop the total revenues projected for the twelve months ended March 31, 2023, under proposed, in column 8 of Schedule 1.

## NEW GARDEN DIVISION

Schedule NG-1 presents a summary of the pro forma revenues for the New Garden Division under proposed rates, for the twelve months ending March 31, 2023. Schedule NG-2 presents a summary of the proforma revenues under present rates, for the twelve months ending March 31, 2023. The application of present and proposed rates to the consumption analysis are presented on Schedule NG-3. The application of present and proposed rates to the pro forma adjustments to annualize revenues from the acquisition are presented on Schedule NG-4.

AQUA PENNSYLVANIA INC.  
WASTEWATER WITHOUT ACQUISITIONS  
SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PROPOSED RATES  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021 AND 2023

Customer Classification (1)	Adjusted Revenues, Per Books 03/31/2021(a) (2)	Bill Analysis Revenues, Proposed Rates (Schedule 2) (3)	Ref. (4)	Adjustment Factor (Schedule 3)	Revenues Under Proposed Rates (5)=(3)X(4)	Pro Forma Adjustments Proposed Rates (Schedule 2) (6)	Total Pro Forma Revenue (7)=(5)+(6)	Proposed Rates (8)=(7)-(2)	Proposed Increase (8)= (9)
<b>METERED SALES</b>									
Residential	\$ 13,419,396	\$ 15,935,124	Sch. 2	0.99508753	\$ 15,856,843	\$ 198,501	\$ 16,055,344	\$ 2,635,948	19.6%
Commercial	3,833,635	4,534,197	Sch. 2	0.99988844	4,533,691	-	4,533,691	700,056	18.3%
Industrial	743	893	Sch. 2	0.99988701	893	-	893	150	20.2%
Public Authority	141,718	170,438	Sch. 2	0.99948458	170,350	-	170,350	28,632	20.2%
Third Party Sales	1,280,031	1,370,910	Sch. 2	0.99907624	1,369,644	-	1,369,644	89,612	7.0%
Total Sales Related to Wastewater	\$ 18,675,524	\$ 22,011,562		\$ 21,931,421	\$ 198,501	\$ 22,129,922	\$ 22,129,922	\$ 3,454,398	18.5%
Contract Revenues	312,754	298,187	1,01363557	302,253	29,547	331,800	331,800	19,046	6.1%
Other Operating Revenues	<u>23,436</u>	<u>23,436</u>		<u>23,436</u>		<u>23,436</u>	<u>23,436</u>	<u>-</u>	0.0%
Total Wastewater Revenue	<u>\$ 19,011,714</u>	<u>\$ 22,333,186</u>		<u>\$ 22,257,110</u>	<u>\$ 228,048</u>	<u>\$ 22,485,158</u>	<u>\$ 22,485,158</u>	<u>\$ 3,473,445</u>	18.3%

(a) Excludes DSIC and Unbilled Revenue.

Schedule WW-2  
Page 1 of 1

AQUA PENNSYLVANIA, INC.  
WASTEWATER WITHOUT ACQUISITIONS  
SUMMARY OF APPLICATION OF PROPOSED RATES  
TO CUSTOMER CONSUMPTION ANALYSIS FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Division (1)	Rate Zone PUC Pg.	Residential (2)	Commercial (3)	Industrial (4)	Public (5)	Bulk Sales (6)	Total Sales (7)
RZ 1 - Media Division	1	\$ 1,533,561	\$ 1,148,570	\$ 893	\$ 170,438		\$ 2,853,462
RZ 1 - Bridlewood, Eagle Rock	1	1,065,908	53,697				1,119,605
RZ 1A - Treasure Lake, Villiage at VF, Bunker Hill	1A	1,950,193	932,994				2,883,187
RZ 1B - Penn Township	1B	674,992	409,015				1,084,007
RZ 2 - Emlington, Rivercrest, White Haven	2	1,500,802	468,405				1,969,207
RZ 2 - Pinecrest	2		65,646				65,646
RZ 3 - Beech Mountain Lakes, Deerfield Knoll, Laure	3	3,512,807	336,399				3,849,206
RZ 3 - Woodloch Springs	3 - WS		11,115				11,115
RZ 4 - Honeycroft Village, Lake Harmony, New Dale	4	3,773,214	954,182				4,727,396
RZ 5 - Avon Grove School, East Bradford, Little Wa	5	953,277	140,985				1,094,262
RZ 5 - Newlin Green	5-NG	106,105					106,105
RZ 6 - Masthope Division	6	864,265	13,189				877,454
Total Sales Related to Wastewater		\$ 15,935,124	\$ 4,534,197	\$ 893	\$ 170,438	\$ -	\$ 20,640,652
Contract Sales				298,187			298,187
Total Sales with Contract		\$ 15,935,124	\$ 4,832,384	\$ 893	\$ 170,438	\$ -	\$ 20,938,839
 <u>Third Party Revenues</u>							
Southdown Homes						\$ 84,692	84,692
East Brandywine						1,404	1,404
Foster Township						270,222	270,222
Dennison						58,023	58,023
Upper Providence						619,092	619,092
Elwyn						112,368	112,368
Penn Lake						135,940	135,940
East Side						89,169	89,169
Total Third Party Revenues		-	-	-	-	1,370,910	1,370,910
Total Sales with Contract and Third Party		15,935,124	4,832,384	893	170,438	1,370,910	22,309,749
 <u>Pro Forma Adjustments</u>							
<u>Customer Growth/Decline Adjustments</u>							
RZ 1 - Media Division		(1,560)					(1,560)
RZ 1 - Bridlewood, Eagle Rock		28,542					28,542
RZ 1A - Treasure Lake, Villiage at VF, Bunker Hill							-
RZ 1B - Penn Township		24,034					24,034
RZ 2 - Emlington, Rivercrest, White Haven		6,334					6,334
RZ 3 - Beech Mountain Lakes, Deerfield Knoll, Laurel Lakes, Link		60,781					60,781
RZ 4 - Honeycroft Village, Lake Harmony, New Daleville, Peddler		46,270					46,270
RZ 5 - Avon Grove School, East Bradford, Little Washington, Gre		(1,588)					(1,588)
RZ 6 - Masthope Division		35,687					35,687
Subtotal Adjustments		198,501					198,501
Total Pro Forma Revenues Under Proposed Rates		\$ 16,133,625	\$ 4,832,384	\$ 893	\$ 170,438	\$ 1,370,910	\$ 22,508,250

AQUIA PENNSYLVANIA INC.  
WASTEWATER WITHOUT ACQUISITIONS  
SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PRESENT RATES  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021 AND 2023

Customer Classification (1)	Revenues, Per Books Present Rates 03/31/2021(a) (2)	Adjustment to Per Books Revenue 3/31/2021 (3)	Adjusted Revenues, Per Books Present Rates 03/31/2021(a) (4)	Bill Analysis Revenues, Present Rates (Schedule 4) (5)	Ref. (6)=(4)/(5)	Adjustment Factor (7)=(5)(6) (8)	Revenues Under Present Rates (7)=(5)(6) (9)	Pro Forma Adjustments Present Rates (Schedule 4 and 6) (10)=(7)+(8)+(9)	
								Total Annualized DSIC Revenue (9)	Add Back Annualized DSIC Revenue (10)=(7)+(8)+(9)
<u>METERED SALES</u>									
Residential	\$ 12,843,779	\$ (219,836) (b)	\$ 12,623,943	\$ 12,686,264 Sch. 4	0.99508753	\$ 12,623,943	\$ 161,140	\$ 634,313	\$ 13,419,396
Commercial	3,653,956	(2,895) (b)	3,651,062	3,651,469 Sch. 4	0.99888444	3,651,062	-	182,573	3,833,635
Industrial	708		708	708 Sch. 4	0.99988701	708	-	35	743
Public Authority	134,966		134,966	135,036 Sch. 4	0.99948458	134,966	-	6,752	141,718
Third Party Sales	1,094,369		1,094,369	1,095,381 Sch. 4	0.99907624	\$ 1,094,369	\$ 185,662		1,280,031
Total Sales Related to Wastewater	\$ 17,727,779	\$ (222,731)	\$ 17,505,048	\$ 17,568,858		\$ 17,505,048	\$ 346,802	\$ 823,674	\$ 18,675,524
Contract Revenues	284,903		284,903	281,070	1.01363557	284,903	27,851		312,754
Other Operating Revenues	23,436		23,436	23,436		23,436			23,436
Total Wastewater Revenue	\$ 18,036,118	\$ (222,731)	\$ 17,813,387	\$ 17,873,364		\$ 17,813,387	\$ 374,653	\$ 823,674	\$ 19,011,713

(a) Excludes DSIC, STAS and Unbilled Revenue.

(b) Adjusted to eliminate North Heidelberg Revenue.

Schedule WW-4  
Page 1 of 1

AQUA PENNSYLVANIA, INC.  
WASTEWATER WITHOUT ACQUISITIONS  
SUMMARY OF APPLICATION OF PRESENT RATES  
TO CUSTOMER CONSUMPTION ANALYSIS FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Division (1)	Div. Ref.	Residential (2)	Commercial (3)	Industrial (4)	Public (5)	Bulk Sales (6)	Total Sales (7)
RZ 1 - Media Division	1	\$ 1,215,176	\$ 909,951	\$ 708	\$ 135,036		\$ 2,260,871
RZ 1 - Bridlewood, Eagle Rock	1	\$ 844,664	\$ 42,540				887,204
RZ 1A - Treasure Lake, Villiage at VF, Bunker Hill	1A	1,427,269	632,577				2,059,846
RZ 1B - Penn Township	1B	520,083	438,977				959,060
RZ 2 - Emlenton, Rivercrest, White Haven	2	1,327,924	410,612				1,738,536
RZ 2 - Pinecrest	2		65,646				65,646
RZ 3 - Beech Mountain Lakes, Deerfield Knoll, Laurel Lakes	3	2,780,481	257,372				3,037,853
RZ 3 - Woodloch Springs	3 - WS		8,801				8,801
RZ 4 - Honeycroft Village, Lake Harmony, New Daleville, Pa	4	3,018,571	763,345				3,781,916
RZ 5 - Avon Grove School, East Bradford, Little Washington	5	771,916	111,206				883,122
RZ 5 - Newlin Green	5-NG	96,334					96,334
RZ 6 - Masthope Division	6	683,846	10,442				694,288
<b>Total</b>		<b>\$ 12,686,264</b>	<b>\$ 3,651,469</b>	<b>\$ 708</b>	<b>\$ 135,036</b>	<b>\$ -</b>	<b>\$ 16,473,477</b>
<b>Contract Sales</b>			281,070				281,070
<b>Total Sales with Contract</b>		<b>\$ 12,686,264</b>	<b>\$ 3,932,539</b>	<b>\$ 708</b>	<b>\$ 135,036</b>	<b>\$ -</b>	<b>16,754,547</b>
<b>Third Party Revenues</b>							
Southdown Homes						\$ 84,692	84,692
East Brandywine						1,404	1,404
Foster Twp						170,172	170,172
Dennison						36,540	36,540
Upper Providence						543,032	543,032
Elwyn						98,561	98,561
Penn Lake						85,608	85,608
East Side						75,372	75,372
<b>Total Third Party Revenues</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,095,381</b>	<b>1,095,381</b>
<b>Total Sales with Contract and Third Party</b>		<b>12,686,264</b>	<b>3,932,539</b>	<b>708</b>	<b>135,036</b>	<b>1,095,381</b>	<b>17,849,928</b>
<b>Plus 5% DSIC excluding Ineligible Service Areas</b>		<b>634,313</b>	<b>182,573</b>	<b>35</b>	<b>6,752</b>		<b>823,674</b>
<b>Total Present Wastewater Revenue</b>		<b>13,320,577</b>	<b>4,115,112</b>	<b>743</b>	<b>141,788</b>	<b>1,095,381</b>	<b>18,673,602</b>
<b>Pro Forma Adjustments</b>							
<b>Customer Growth/Decline Adjustments</b>							
RZ 1 - Media Division		(1,236)					(1,236)
RZ 1 - Bridlewood, Eagle Rock		22,619					22,619
RZ 1A - Treasure Lake, Villiage at VF, Bunker Hill							-
RZ 1B - Penn Township		21,594					21,594
RZ 2 - Emlenton, Rivercrest, White Haven		5,832					5,832
RZ 3 - Beech Mountain Lakes, Deerfield Knoll, Laurel Lakes, Links at Ge		48,335					48,335
RZ 4 - Honeycroft Village, Lake Harmony, New Daleville, Peddlers View,		37,016					37,016
RZ 5 - Avon Grove School, East Bradford, Little Washington, Greens at		(1,257)					(1,257)
RZ 6 - Masthope Division		28,237					28,237
<b>Total Pro Forma Revenues</b>		<b>161,140</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>161,140</b>
<b>Under Present Rates</b>		<b>\$ 13,481,717</b>	<b>\$ 4,115,112</b>	<b>\$ 743</b>	<b>\$ 141,788</b>	<b>\$ 1,095,381</b>	<b>\$ 18,834,741</b>

**AQUA PENNSYLVANIA, INC.**  
**WASTEWATER - RATE ZONE 1**  
**MEDIA DIVISION**  
**APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2021**

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	19,861	-	\$ 31.00	\$ 615,694	\$ 39.10	\$ 776,569
3/4	84	-	46.50	3,925	58.65	4,950
1	419	-	77.50	32,465	97.75	40,947
1-1/2	108	-	155.00	16,740	195.50	21,114
2	12	-	248.00	2,976	312.80	3,754
Subtotal	20,484	-		671,800		847,334
1st block	-	714,968	0.7600	\$ 543,376	0.9598	\$ 686,227
Subtotal	-	714,968		543,376		686,227
Total Metered	20,484	714,968		\$ 1,215,176		\$ 1,533,561
TOTAL RESIDENTIAL	20,484	714,968		\$ 1,215,176		\$ 1,533,561
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	2,435	-	\$ 31.00	\$ 75,485	\$ 39.10	\$ 95,209
3/4	48	-	46.50	2,232	58.65	2,815
1	539	-	77.50	41,780	97.75	52,697
1-1/2	322	-	155.00	49,957	195.50	63,010
2	184	-	248.00	45,508	312.80	57,399
3	84	-	465.00	39,060	586.50	49,266
4	48	-	775.00	37,200	977.50	46,920
Subtotal	3,660	-		291,222		367,316
1st block	-	596,954	0.7600	\$ 453,685	0.9598	\$ 572,956
Subtotal	-	596,954		453,685		572,956
Total Metered	3,660	596,954		\$ 744,907		\$ 940,272
<u>Commercial - Unmetered</u>						
Customer Charge						
Apartment Complex	12	-	\$ 13,323.80	\$ 159,886	\$ 16,815.76	\$ 201,789
Day Care	12		429.80	5,158	542.44	6,509
Subtotal	24	-		165,044		208,298
TOTAL COMMERCIAL	3,684	596,954		\$ 909,951		\$ 1,148,570
<u>Industrial - Monthly</u>						
Customer Charge						
5/8	12	-	\$ 31.00	\$ 372	\$ 39.10	\$ 469
Subtotal	12	-		372		469
1st block	-	442	0.7600	\$ 336	0.9598	\$ 424
Subtotal	-	442		336		424
TOTAL INDUSTRIAL	12	442		\$ 708		\$ 893

**AQUA PENNSYLVANIA, INC.**  
**WASTEWATER - RATE ZONE 1**  
**MEDIA DIVISION**  
**APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2021**

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u><b>Public - Monthly</b></u>						
Customer Charge						
5/8	169	-	\$ 31.00	\$ 5,233	\$ 39.10	\$ 6,600
3/4	12	-	46.50	558	58.65	704
1	108	-	77.50	8,370	97.75	10,557
1-1/2	36	-	155.00	5,580	195.50	7,038
2	24	-	248.00	5,952	312.80	7,507
3	36	-	465.00	16,740	586.50	21,114
4	24	-	775.00	18,755	977.50	23,656
Subtotal	409	-		61,188		77,176
1st block Subtotal		97,168	0.7600	\$ 73,848	0.9598	\$ 93,262
TOTAL PUBLIC	409	97,168		\$ 135,036		\$ 170,438
TOTAL DIVISION	<u>24,589</u>	<u>1,409,532</u>		<u>\$ 2,260,871</u>		<u>\$ 2,853,462</u>

**AQUA PENNSYLVANIA, INC.**  
**WASTEWATER - RATE ZONE 1**  
**BRIDLEWOOD AND EAGLE ROCK DIVISIONS**  
**APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2021**

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	16,286	-	\$ 31.00	\$ 504,863	\$ 39.10	\$ 636,779
3/4	24	-	31.00	744	39.10	938
1	37	-	31.00	1,147	39.10	1,447
Subtotal	16,347	-		506,754		639,164
1st block	-	443,649	0.7600	\$ 337,173	0.9598	\$ 425,814
Subtotal	-	443,649		337,173		425,814
Total Metered	16,347	443,649		\$ 843,927		\$ 1,064,978
<u>Residential - Unmetered</u>						
Customer Charge						
Unmetered	12	-	\$ 61.40	\$ 737	\$ 77.49	\$ 930
TOTAL RESIDENTIAL	16,359	443,649		\$ 844,664		\$ 1,065,908
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	69	-	\$ 31.00	\$ 2,145	\$ 39.10	\$ 2,706
1	222	-	31.00	6,891	39.10	8,692
1-1/2	60	-	31.00	1,860	39.10	2,346
2	199	-	31.00	6,154	39.10	7,761
Subtotal	550	-		17,050		21,505
1st block		33,540	0.7600	\$ 25,490	0.9598	\$ 32,192
Subtotal		33,540		25,490		32,192
TOTAL COMMERCIAL	550	33,540		\$ 42,540		\$ 53,697
TOTAL DIVISION	16,909	477,189		\$ 887,204		\$ 1,119,605

**AQUA PENNSYLVANIA, INC**  
**WASTEWATER - RATE ZONE 1A**  
TREASURE LAKE, VILLAGE AT VALLEY FORGE, AND BUNKER HILL DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 202

Rate Block 100 Gallons: (1)	Number of Bills (2)	Consumption 100 Gallons: (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	25,578	-	\$ 31.00	\$ 792,758	\$ 39.10	\$ 999,888
3/4	12	-	31.00	372	39.10	468
1	24	-	31.00	744	39.10	938
Subtotal	<u>25,609</u>	<u>-</u>		<u>793,864</u>		<u>1,001,294</u>
1st bloc		<u>828,864</u>	0.6300	<u>\$ 522,184</u>	0.9598	<u>\$ 795,544</u>
Subtotal Consumption		<u>828,864</u>		<u>522,184</u>		<u>795,544</u>
Total Metered	25,609	828,864		\$ 1,316,044		\$ 1,796,834
<u>Residential - Unmetered - Month</u>						
Customer Charge						
Unmetered	1,150	-	\$ 56.20	\$ 64,640	\$ 77.40	\$ 89,130
<u>Bunker Hill - Unmetered - Month</u>						
Customer Charge						
Unmetered	829	-	\$ 56.20	\$ 46,578	\$ 77.40	\$ 64,218
TOTAL RESIDENTIAL	27,588	828,864		\$ 1,427,264		\$ 1,950,194
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	250	-	\$ 31.00	\$ 7,747	\$ 39.10	\$ 9,771
1	42	-	31.00	1,293	39.10	1,630
2	192	-	99.20	19,046	125.12	24,028
3	36	-	186.00	6,696	234.60	8,446
4	126	-	310.00	39,066	391.00	49,266
6	83	-	500.00	41,500	630.60	52,340
Subtotal	<u>729</u>	<u>-</u>		<u>115,344</u>		<u>145,484</u>
1st bloc		<u>815,638</u>	0.6300	<u>\$ 513,854</u>	0.9598	<u>\$ 782,844</u>
Subtotal Consumption		<u>815,638</u>		<u>513,854</u>		<u>782,844</u>
Total Metered	729	815,638		\$ 629,194		\$ 928,324
<u>Commercial - Unmetered</u>						
Customer Charge						
Unmetered	60	-	\$ 56.20	\$ 3,388	\$ 77.40	\$ 4,666
TOTAL COMMERCIAL	789	815,638		\$ 632,574		\$ 932,994
TOTAL DIVISION	<u>28,376</u>	<u>1,644,494</u>		<u>\$ 2,059,844</u>		<u>\$ 2,883,184</u>

AQUA PENNSYLVANIA, INC.  
**WASTEWATER - RATE ZONE 1B**  
PENN TOWNSHIP DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	9,161	-	\$ 31.00	\$ 283,976	\$ 39.10	\$ 358,176
1	193	-	31.00	5,977	39.10	7,538
Subtotal	9,353	-		289,953		365,714
Allowance (1,000 Gallons)		92,102	-	\$ -	0.9598	\$ 88,399
1st block		230,130	1.0000	230,130	0.9598	220,879
Subtotal	-	322,232		230,130		309,278
Total Metered	9,353	322,232		\$ 520,083		\$ 674,992
<u>Residential - Unmetered</u>						
Customer Charge						
Unmetered	-	-	\$ 80.00	\$ -	\$ 77.49	\$ -
TOTAL RESIDENTIAL	9,353	322,232		\$ 520,083		\$ 674,992
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	180	-	\$ 67.50	\$ 12,170	\$ 39.10	\$ 7,050
3/4	22	-	67.50	1,499	39.10	868
1	88	-	67.50	5,933	39.10	3,437
1 1/2	81	-	67.50	5,461	39.10	3,163
2	44	-	67.50	2,936	39.10	1,701
3	9	-	67.50	621	39.10	360
4	9	-	67.50	621	39.10	360
6	24	-	67.50	1,620	39.10	938
8	23	-	67.50	1,546	39.10	895
Subtotal	480	-		32,407		18,772
1st block		404,650	1.0000	\$ 404,650	0.9598	\$ 388,383
Subtotal Consumption	-	404,650		404,650		388,383
Total Metered	480	404,650		\$ 437,057		\$ 407,155
<u>Commercial - Unmetered</u>						
Customer Charge						
Unmetered	24	-	\$ 80.00	\$ 1,920	\$ 77.49	\$ 1,860
TOTAL COMMERCIAL	504	404,650		\$ 438,977		\$ 409,015
TOTAL DIVISION	<u>9,857</u>	<u>726,882</u>		<u>\$ 959,060</u>		<u>\$ 1,084,007</u>

**AQUA PENNSYLVANIA, INC.**  
**WASTEWATER - RATE ZONE 2**  
 EMLINGTON, RIVERCREST AND WHITE HAVEN (KIDDER) DIVISIONS  
 APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
 FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u><b>Residential - Monthly</b></u>						
Customer Charge						
5/8	10,968	-	\$ 36.00	\$ 394,859	\$ 39.10	\$ 428,861
1	24	-	36.00	864	39.10	938
1 1/2	12	-	36.00	432	39.10	469
O	84	-	36.00	3,024	39.10	3,284
Subtotal	11,088	-		399,179		433,552
1st block		357,288	0.8100	\$ 289,403	0.9598	\$ 342,925
Subtotal	-	357,288		289,403		342,925
Total Metered	11,088	357,288		\$ 688,582		\$ 776,477
<u><b>Residential - Unmetered</b></u>						
Customer Charge						
Unmetered	9,347	-	\$ 68.40	\$ 639,342	\$ 77.49	\$ 724,325
TOTAL RESIDENTIAL	20,435	357,288		\$ 1,327,924		\$ 1,500,802
<u><b>Commercial - Monthly</b></u>						
Customer Charge						
5/8	407		\$ 36.00	\$ 14,645	\$ 39.10	\$ 15,906
3/4	36		36.00	1,296	39.10	1,408
1	96		36.00	3,456	39.10	3,754
1 1/2	24		36.00	868	39.10	942
8	12		2,880.00	34,560	3,088.90	37,067
Subtotal	575	-		54,825		59,077
1st block		148,266	0.8100	\$ 120,095	0.9598	\$ 142,306
Subtotal	-	148,266		120,095		142,306
Total Metered	575	148,266		\$ 174,920		\$ 201,383
<u><b>Commercial - Unmetered</b></u>						
Customer Charge						
Unmetered	3,110	-	\$ 68.40	\$ 212,710	\$ 77.49	\$ 240,985
Bridgeview Apartments	12		1,915.20	22,982	2,169.78	26,037
	3,122	-		235,692		267,022
TOTAL COMERCIAL	3,697	148,266		\$ 410,612		\$ 468,405
TOTAL DIVISION	24,132	505,554		\$ 1,738,536		\$ 1,969,207

AQUA PENNSYLVANIA, INC.  
**WASTEWATER - RATE ZONE 2**  
PINECREST DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	24		\$ -	\$ -	\$ -	\$ -
2	12		-	-	-	-
4	12		-	-	-	-
Subtotal	<u>48</u>	<u>-</u>		<u>-</u>		<u>-</u>
1st block	-	<u>21,882</u>	3.0000	<u>\$ 65,646</u>	3.0000	<u>\$ 65,646</u>
Subtotal	-	<u>21,882</u>		<u>65,646</u>		<u>65,646</u>
Total Commercial	48	21,882		\$ 65,646		\$ 65,646
TOTAL DIVISION	48	21,882		65,646		65,646

AQUA PENNSYLVANIA, INC.  
**WASTEWATER - RATE ZONE 3**

BEECH MOUNTAIN LAKES, DEERFIELD KNOLL, LAUREL LAKES, LINKS AT GETTYSBURG, STONEY CREEK,  
THORNHURST, AND WILLISTOWN WOODS DIVISIONS  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	23,821	-	\$ 46.00	\$ 1,095,766	\$ 58.09	\$ 1,383,762
3/4	4	-	46.00	175	58.09	221
1	2,376	-	46.00	109,273	58.09	137,993
1 1/2	12	-	46.00	557	58.09	703
O	12	-	46.00	552	58.09	697
Subtotal	26,224	-		1,206,323.0		1,523,376.0
1st block	-	771,376	0.8500	\$ 655,670	1.0734	\$ 827,995
Subtotal	-	771,376		655,670		827,995
Total Metered	26,224	771,376		\$ 1,861,993		\$ 2,351,371
<u>Residential - Unmetered</u>						
Customer Charge						
Unmetered	11,352	-	\$ 80.00	\$ 908,192	\$ 101.03	\$ 1,146,888
Special Charges	144	-	71.50	10,296	101.03	14,548
Subtotal	11,496	-		918,488		1,161,436
TOTAL RESIDENTIAL	37,721	771,376		\$ 2,780,481		\$ 3,512,807
<u>Commercial - Monthly</u>						
Customer Charge						
1	24		\$ 46.00	\$ 1,104	\$ 58.09	\$ 1,394
2	972		46.00	44,712	58.09	56,463
3	456		46.00	20,976	58.09	26,489
Subtotal	1,452	-		66,792		84,346
1st block	-	51,420	0.8500	\$ 43,707	1.0734	\$ 55,194
Subtotal	-	51,420		43,707		55,194
Total Metered	1,452	51,420		\$ 110,499		\$ 139,540
<u>Commercial - Unmetered</u>						
Customer Charge						
Unmetered	888	-	\$ 80.00	\$ 71,040	\$ 101.03	\$ 89,711
Special Charges	1,061	-	71.50	75,833	101.03	107,148
Subtotal	1,949	-		146,873		196,859
TOTAL COMERCIAL	3,401	51,420		\$ 257,372		\$ 336,399
TOTAL DIVISION	41,121	822,796		\$ 3,037,853		\$ 3,849,206

AQUA PENNSYLVANIA, INC.  
**WASTEWATER - RATE ZONE 3**  
WOODLOCH SPRINGS DIVISION

APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Commercial - Monthly</u>						
Customer Charge 2 Subtotal	<u>24</u> <u>24</u>	<u>-</u>	\$ 282.21	\$ 6,773 6,773	\$ 356.40	\$ 8,554 8,554
1st block Subtotal	<u>-</u> <u>-</u>	<u>16,904</u> <u>16,904</u>	0.1200	\$ 2,028 2,028	0.1515	\$ 2,561 2,561
Total Metered	24	16,904		\$ 8,801		\$ 11,115
Total Commercial	24	16,904		\$ 8,801		\$ 11,115

AQUA PENNSYLVANIA, INC.  
**WASTEWATER - RATE ZONE 4**  
HONEYCROFT VILLAGE, LAKE HARMONY, NEW DALEVILLE, PEDDLERS VIEW, TOBYHANNA, AND TWIN HILLS DIVISIONS  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u><b>Residential - Monthly</b></u>						
Customer Charge						
5/8	6,514	-	\$ 62.00	\$ 403,843	\$ 77.50	\$ 504,804
1	12	-	62.00	744	77.50	930
Subtotal	6,526	-		404,587		505,734
1st block	-	289,520	0.9500	\$ 275,044	1.1875	\$ 343,805
Subtotal	-	289,520		275,044		343,805
Total Metered	6,526	289,520		\$ 679,631		\$ 849,539
<u><b>Residential - Unmetered</b></u>						
Customer Charge						
Unmetered	23,389	-	\$ 100.00	\$ 2,338,940	\$ 125.00	\$ 2,923,675
TOTAL RESIDENTIAL	29,915	289,520		\$ 3,018,571		\$ 3,773,214
<u><b>Commercial - Monthly</b></u>						
Customer Charge						
5/8	1,007	-	\$ 62.00	\$ 62,409	\$ 77.50	\$ 78,012
1	181	-	62.00	11,203	77.50	14,004
1 1/2	168	-	62.00	10,416	77.50	13,020
3	204	-	62.00	12,648	77.50	15,810
Subtotal	1,559	-		96,676		120,846
1st block	-	84,125	0.9500	\$ 79,919	1.1875	\$ 99,898
Subtotal	-	84,125		79,919		99,898
Total Metered	1,559	84,125		\$ 176,595		\$ 220,744
<u><b>Commercial - Unmetered</b></u>						
Customer Charge						
Unmetered	5,868	-	\$ 100.00	\$ 586,750	\$ 125.00	\$ 733,438
TOTAL COMMERCIAL	7,427	84,125		\$ 763,345		\$ 954,182
TOTAL DIVISION	<u>37,342</u>	<u>373,645</u>		<u>\$ 3,781,916</u>		<u>\$ 4,727,396</u>

**AQUA PENNSYLVANIA, INC.**  
**WASTEWATER - RATE ZONE 5**  
AVON GROVE SCHOOL, EAST BRADFORD, LITTLE WASHINGTON, GREENS AT PENN OAKS, SAGE HILL AND PLUMSOCK DIVISIONS  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<b><u>Residential - Monthly</u></b>						
Customer Charge						
5/8	6,311	-	\$ 74.00	\$ 466,977	\$ 93.45	\$ 589,716
3/4	69	-	74.00	5,091	93.45	6,429
1	36	-	74.00	2,664	93.45	3,364
Subtotal	6,415	-		474,732		599,509
1st block		260,893	0.9600	\$ 250,457	1.2123	\$ 316,281
Subtotal		260,893		250,457		316,281
Total Metered	6,415	260,893		\$ 725,189		\$ 915,790
<b><u>Residential - Unmetered</u></b>						
Customer Charge						
Unmetered	12	-	\$ 112.40	\$ 1,349	\$ 141.94	\$ 1,703
Sage Hill	252	-	180.00	45,378	141.94	35,784
Subtotal	264	-		46,727		37,487
<b>TOTAL RESIDENTIAL</b>	<b>6,679</b>	<b>260,893</b>		<b>\$ 771,916</b>		<b>\$ 953,277</b>
<b><u>Commercial - Monthly</u></b>						
Customer Charge						
1	30	-	\$ 74.00	\$ 2,220	\$ 93.45	\$ 2,804
3	12	-	370.00	4,477	467.25	5,654
Subtotal	42	-		6,697		8,458
1st block		5,348	0.9600	\$ 5,134	1.2123	\$ 6,483
Subtotal		5,348		5,134		6,483
Total Metered	42	5,348		\$ 11,831		\$ 14,941
<b><u>Commercial - Unmetered</u></b>						
Customer Charge						
Avon Grove School	12	-	\$ 8,281.25	\$ 99,375	\$ 10,503.71	\$ 126,044
<b>TOTAL COMMERCIAL</b>	<b>54</b>	<b>5,348</b>		<b>\$ 111,206</b>		<b>\$ 140,985</b>
<b>TOTAL DIVISION</b>	<b>6,734</b>	<b>266,241</b>		<b>\$ 883,122</b>		<b>\$ 1,094,262</b>

**AQUA PENNSYLVANIA, INC.**  
**WASTEWATER - RATE ZONE 5**  
**NEWLIN GREEN**  
**APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2021**

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Newlin Green - Residential - Monthly</u>						
Customer Charge						
5/8	564	-	\$ 110.00	\$ 62,051	\$ 93.45	\$ 52,715
3/4	12	-	110.00	1,320	93.45	1,121
1	12	-	110.00	1,320	93.45	1,121
	588	-		64,691		54,957
1st block Subtotal		42,191	0.7500	\$ 31,643	1.2123	\$ 51,148
		42,191		31,643		51,148
Total Residential	588	42,191		\$ 96,334		\$ 106,105
TOTAL NEWLIN GREEN	588	42,191		\$ 96,334		\$ 106,105

Check

See tab "RZ5"

**AQUA PENNSYLVANIA, INC.**  
**WASTEWATER - RATE ZONE 6**  
**MASTHOPE DIVISION**  
**APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2021**

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	16,432	-	\$ 39.64	\$ 651,380	\$ 50.10	\$ 823,263
3/4	8	-	39.64	317	50.10	401
1	12	-	39.64	476	50.10	601
Subtotal	16,452	-		652,173		824,265
1st block		301,022	0.1000	30,102	0.1263	\$ 38,015
Subtotal		301,022		30,102		38,015.00
Total Metered	16,452	301,022		\$ 682,275		\$ 862,280
<u>Residential - Unmetered</u>						
Customer Charge						
Unmetered	36	-	\$ 43.64	\$ 1,571	\$ 55.15	\$ 1,985
TOTAL RESIDENTIAL	16,488	301,022		\$ 683,846		\$ 864,265
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	12	-	\$ 39.64	\$ 476	\$ 50.10	\$ 601
1 1/2	12	-	39.64	476	50.10	601
2	72	-	39.64	2,854	50.10	3,607
Subtotal	96	-		3,806		4,809
1st block	-	61,118	0.1000	\$ 6,112	0.1263	\$ 7,718
Subtotal		61,118		6,112		7,718
Total Metered	96	61,118		\$ 9,918		\$ 12,527
<u>Commercial - Unmetered</u>						
Customer Charge						
Unmetered	12	-	\$ 43.64	\$ 524	\$ 55.15	\$ 662
TOTAL COMMERCIAL	108	61,118		\$ 10,442		\$ 13,189
TOTAL DIVISION	16,596	362,140		\$ 694,288		\$ 877,454

AQUA PENNSYLVANIA, INC.  
WASTEWATER  
CONTRACT SALES  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Woodloch Pines - Monthly</u>						
Flat Rate						
April '20 to December '20	11	-	25,551.80	281,070	27,107.90	298,187
January '21 to March '21	-		26,318.35		27,921.14	-
	<u>11</u>	<u>-</u>		<u>281,070</u>		<u>298,187</u>
TOTAL DIVISION	<u><u>11</u></u>	<u><u>-</u></u>		<u><u>\$ 281,070</u></u>		<u><u>\$ 298,187</u></u>

AQUA PENNSYLVANIA, INC.  
WASTEWATER  
THIRD PARTY SALES  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Bulk - Quarterly - White Haven Division - Dennison Township</u>						
Customer Charge Flat Rate	420	-	\$ 87.00	\$ 36,540	\$ 138.15	\$ 58,023
Total Dennison	<u>420</u>	<u>-</u>		<u>\$ 36,540</u>		<u>\$ 58,023</u>
<u>Bulk - Quarterly - White Haven Division - East Side Borough</u>						
Customer Charge (EDUs) Flat Rate	596	-	\$ 115.00	\$ 68,540	\$ 138.15	\$ 82,337
Flat Rate	<u>244</u>		<u>28.00</u>	<u>6,832</u>	<u>28.00</u>	<u>6,832</u>
Subtotal	<u>840</u>	<u>-</u>		<u>75,372</u>		<u>89,169</u>
Total East Side	<u>840</u>	<u>-</u>		<u>\$ 75,372</u>		<u>\$ 89,169</u>
<u>Bulk - Monthly - White Haven Division - Penn Lake Borough</u>						
Customer Charge (EDUs) Flat Rate	2,952		\$ 29.00	\$ 85,608	\$ 46.05	\$ 135,940
Subtotal	<u>2,952</u>	<u>-</u>		<u>\$ 85,608</u>		<u>\$ 135,940</u>
<u>Bulk - Monthly - Southdown Homes</u>						
Customer Charge All Usage	12	113,074	\$ 0.7490	84,692	\$ 0.7490	84,692
Total Southdown Homes	<u>12</u>	<u>113,074</u>		<u>84,692</u>		<u>84,692</u>

AQUA PENNSYLVANIA, INC.  
WASTEWATER  
THIRD PARTY SALES  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Bulk - Quarterly - East Brandywine</u>						
Customer Charge						
Flat Rate	4		\$ 351.00	1,404	\$ 351.00	1,404
Total East Brandywine	<u>4</u>	<u>-</u>		<u>1,404</u>		<u>1,404</u>
<u>Bulk - Quarterly - Upper Providence</u>						
Flat Rate						
April '17 to December '17	3	-	\$ 135,289.00	\$ 405,867	\$ 154,773.04	\$ 464,319
January '18 to March '18	<u>1</u>	<u>-</u>	<u>\$ 137,165.00</u>	<u>137,165</u>	<u>\$ 154,773.04</u>	<u>154,773</u>
	<u>4</u>	<u>-</u>		<u>543,032</u>		<u>619,092</u>
Total Upper Providence	<u>4</u>	<u>-</u>		<u>\$ 543,032</u>		<u>\$ 619,092</u>
<u>Bulk - Quarterly - Elwyn</u>						
Flat Rate						
April '17 to December '17	3	-	\$ 24,555.00	\$ 73,665	\$ 28,091.93	\$ 84,276
January '18 to March '18	<u>1</u>	<u>-</u>	<u>\$ 24,896.00</u>	<u>24,896</u>	<u>\$ 28,091.93</u>	<u>28,092</u>
	<u>4</u>	<u>-</u>		<u>98,561</u>		<u>112,368</u>
Total Elwyn	<u>4</u>	<u>-</u>		<u>\$ 98,561</u>		<u>\$ 112,368</u>
<u>Bulk - Quarterly - Foster Township</u>						
Customer Charge (EDUs)						
Hickory Hills Customers	1,352		\$ 87.00	\$ 117,624	\$ 138.15	\$ 186,779
AgMar Customers	424		87.00	36,888	138.15	58,576
Valley Gorge Customers	140		87.00	12,180	138.15	19,341
Route 940 Customers	40		87.00	3,480	138.15	5,526
Subtotal	<u>1,956</u>	<u>-</u>		<u>170,172</u>		<u>270,222</u>
Total Foster Township	<u>1,956</u>	<u>-</u>		<u>\$ 170,172</u>		<u>\$ 270,222</u>
TOTAL BULK SALES	<u>6,192</u>	<u>113,074</u>		<u>\$ 1,095,381</u>		<u>\$ 1,370,910</u>

Schedule WW-6  
Page 1 of 1

**AQUA PENNSYLVANIA, INC.**  
**ADJUSTMENT - CUSTOMER GROWTH REVENUE ADJUSTMENT UNDER PRESENT AND PROPOSED RATES**  
**FOR THE TEST YEARS ENDING MARCH 31, 2021, 2022 AND 2023**

	RZ 1	RZ 1EDU	RZ 1A	RZ 1B	RZ 2	RZ 3	RZ 3 - Woodloch Springs UNMETERED	RZ 4	RZ 5	RZ 6	
1 Number of Customers as of 3/31/21	1,719	1,379	69	814	1,709	2,764	417	2,459	606	1,382	
2 Number of Customer as of 3/31/20	1,719	1,366	69	805	1,706	2,736	419	2,448	606	1,354	
3 Projected Daily Usage in gallons	89	72	89	99	89	82	-	132	122	33	
4 Monthly Volumes per Normalization (Gallons) Line 3 X (365 Days/12 Months)	2,700	2,200	3,000	2,700	2,500	-	4,000	3,700	1,000		
5 HTY Customer Annualized Growth Bills (Line 2-Line 1) X 12 Divided by 2	-	78	-	54	18	168	(12)	66	-	168	
6 HTY Customer Annualized Growth Volumes (HG) (Line 4 X Line 5 / 100)	-	1,716	-	1,620	486	4,200	-	2,640	-	1,680	
<u>Future Test Year Customer Growth Calculation</u>											
7 Forecasted Customer Growth	(1)	17	-	13	6	24	(1)	14	(1)	22	
8 Annualized Bills (Line 7 X 12)	(12)	198	-	150	72	288	(6)	162	(6)	288	
9 HTY Customer Annualized Growth Volumes (HG) (Line 4 X Line 8)	(324)	4,356	-	4,500	1,944	7,200	-	4,374	(162)	6,966	
10 Average Volumes Per Normalization											
<u>Fully Projected Future Test Year Customer Growth Calculation</u>											
11 Monthly Volumes per Normalization (Gallons) Line 3 X (366 Days/12 Months)	2,700	2,200	3,000	2,700	2,507	-	4,011	3,710	1,003		
12 Forecasted Customer Growth	(1)	17	-	13	6	24	(1)	14	(1)	22	
13 Annualized Bills (Line 12 X 12)	(12)	198	-	150	72	288	(6)	162	(6)	288	
14 HTY Customer Annualized Growth Volumes (HG) (Line 11 X Line 12)	(324)	4,356	-	4,500	1,944	7,220	-	4,498	(223)	2,587	
15 Average Volumes Per Normalization											
Total Customer Growth Calculation											
22 Total Bills	(24)	474	-	354	162	744	(24)	390	(12)	684	
23 Priced for All Usage	(648)	10,428	-	10,620	4,374	18,620	-	13,512	(385)	11,233	
RZ 1	RZ 1EDU	RZ 1A	RZ 1B	RZ 2	RZ 3	RZ 3 - Woodloch Springs UNMETERED	RZ 4	RZ 5	RZ 6		
Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential		
29 Number of Customers	1,721.0	1,346.0	69.0	789.0	1,697.0	2,716.0	418.0	2,432.0	607.0	1,339.0	
30 Period Ending 3/31/19	1,719.0	1,366.0	69.0	805.0	1,706.0	2,736.0	419.0	2,448.0	606.0	1,354.0	
31 Period Ending 3/31/20	1,719.0	1,379.0	69.0	814.0	1,709.0	2,764.0	417.0	2,459.0	606.0	1,382.0	
32 Increase 2019-2020	(2.0)	20.0	-	16.0	9.0	20.0	1.0	16.0	(1.0)	15.0	
33 Increase 2020-2021	-	13.0	-	9.0	3.0	28.0	(2.0)	11.0	-	28.0	
34 Average Growth/(Decline)	(1.0)	16.5	-	12.5	6.0	24.0	(0.5)	13.5	(0.5)	21.5	
Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential		
Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential	Residential		
(1,236.48)	22,619.28	-	21,594.00	5,832.00	50,050.77	(1,716.00)	37,016.77	(1,257.22)	46,270.21	46,270.21	
(1,560.35)	28,542.19	-	24,034.48	6,334.20	63,205.38	(2,424.62)	(1,587.66)	(1,587.66)			

Total Adjustment Revenue - Under Present  
Total Adjustment Revenue - Under Proposed

AQUA PENNSYLVANIA INC.  
RATE ZONE 1 - MEDIA DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES*	PROPOSED RATES		AMOUNT (4)	PERCENT (5)
0	\$ 32.55	\$ 39.10		\$ 6.55	20.12%
1,000	\$ 40.53	\$ 48.70		\$ 8.17	20.15%
2,000	\$ 48.51	\$ 58.30		\$ 9.79	20.17%
3,000	\$ 56.49	\$ 67.89		\$ 11.40	20.19%
3,700	\$ 62.08	\$ 74.61		\$ 12.54	20.20%
4,000	\$ 64.47	\$ 77.49		\$ 13.02	20.20%
5,000	\$ 72.45	\$ 87.09		\$ 14.64	20.21%
6,000	\$ 80.43	\$ 96.69		\$ 16.26	20.21%
7,000	\$ 88.41	\$ 106.29		\$ 17.88	20.22%
8,000	\$ 96.39	\$ 115.88		\$ 19.49	20.22%
9,000	\$ 104.37	\$ 125.48		\$ 21.11	20.23%
10,000	\$ 112.35	\$ 135.08		\$ 22.73	20.23%
11,000	\$ 120.33	\$ 144.68		\$ 24.35	20.23%
12,000	\$ 128.31	\$ 154.28		\$ 25.97	20.24%
13,000	\$ 136.29	\$ 163.87		\$ 27.58	20.24%
14,000	\$ 144.27	\$ 173.47		\$ 29.20	20.24%
15,000	\$ 152.25	\$ 183.07		\$ 30.82	20.24%
16,000	\$ 160.23	\$ 192.67		\$ 32.44	20.24%
17,000	\$ 168.21	\$ 202.27		\$ 34.06	20.25%
18,000	\$ 176.19	\$ 211.86		\$ 35.67	20.25%
19,000	\$ 184.17	\$ 221.46		\$ 37.29	20.25%
20,000	\$ 192.15	\$ 231.06		\$ 38.91	20.25%
25,000	\$ 232.05	\$ 279.05		\$ 47.00	20.25%
30,000	\$ 271.95	\$ 327.04		\$ 55.09	20.26%
35,000	\$ 311.85	\$ 375.03		\$ 63.18	20.26%
40,000	\$ 351.75	\$ 423.02		\$ 71.27	20.26%
45,000	\$ 391.65	\$ 471.01		\$ 79.36	20.26%
50,000	\$ 431.55	\$ 519.00		\$ 87.45	20.26%
60,000	\$ 511.35	\$ 614.98		\$ 103.63	20.27%
70,000	\$ 591.15	\$ 710.96		\$ 119.81	20.27%
80,000	\$ 670.95	\$ 806.94		\$ 135.99	20.27%
90,000	\$ 750.75	\$ 902.92		\$ 152.17	20.27%
100,000	\$ 830.55	\$ 998.90		\$ 168.35	20.27%
110,000	\$ 910.35	\$ 1,094.88		\$ 184.53	20.27%
120,000	\$ 990.15	\$ 1,190.86		\$ 200.71	20.27%
130,000	\$ 1,069.95	\$ 1,286.84		\$ 216.89	20.27%
140,000	\$ 1,149.75	\$ 1,382.82		\$ 233.07	20.27%
150,000	\$ 1,229.55	\$ 1,478.80		\$ 249.25	20.27%
160,000	\$ 1,309.35	\$ 1,574.78		\$ 265.43	20.27%
170,000	\$ 1,389.15	\$ 1,670.76		\$ 281.61	20.27%
180,000	\$ 1,468.95	\$ 1,766.74		\$ 297.79	20.27%

\* Present rates include 5.00% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 1 - BRIDLEWOOD AND EAGLE ROCK DIVISIONS  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES*	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$ 32.55	\$ 39.10	\$ 6.55	20.12%
1,000	\$ 40.53	\$ 48.70	\$ 8.17	20.15%
2,000	\$ 48.51	\$ 58.30	\$ 9.79	20.17%
3,000	\$ 56.49	\$ 67.89	\$ 11.40	20.19%
3,700	\$ 62.08	\$ 74.61	\$ 12.54	20.20%
4,000	\$ 64.47	\$ 77.49	\$ 13.02	20.20%
5,000	\$ 72.45	\$ 87.09	\$ 14.64	20.21%
6,000	\$ 80.43	\$ 96.69	\$ 16.26	20.21%
7,000	\$ 88.41	\$ 106.29	\$ 17.88	20.22%
8,000	\$ 96.39	\$ 115.88	\$ 19.49	20.22%
9,000	\$ 104.37	\$ 125.48	\$ 21.11	20.23%
10,000	\$ 112.35	\$ 135.08	\$ 22.73	20.23%
11,000	\$ 120.33	\$ 144.68	\$ 24.35	20.23%
12,000	\$ 128.31	\$ 154.28	\$ 25.97	20.24%
13,000	\$ 136.29	\$ 163.87	\$ 27.58	20.24%
14,000	\$ 144.27	\$ 173.47	\$ 29.20	20.24%
15,000	\$ 152.25	\$ 183.07	\$ 30.82	20.24%
16,000	\$ 160.23	\$ 192.67	\$ 32.44	20.24%
17,000	\$ 168.21	\$ 202.27	\$ 34.06	20.25%
18,000	\$ 176.19	\$ 211.86	\$ 35.67	20.25%
19,000	\$ 184.17	\$ 221.46	\$ 37.29	20.25%
20,000	\$ 192.15	\$ 231.06	\$ 38.91	20.25%
25,000	\$ 232.05	\$ 279.05	\$ 47.00	20.25%
30,000	\$ 271.95	\$ 327.04	\$ 55.09	20.26%
35,000	\$ 311.85	\$ 375.03	\$ 63.18	20.26%
40,000	\$ 351.75	\$ 423.02	\$ 71.27	20.26%
45,000	\$ 391.65	\$ 471.01	\$ 79.36	20.26%
50,000	\$ 431.55	\$ 519.00	\$ 87.45	20.26%
60,000	\$ 511.35	\$ 614.98	\$ 103.63	20.27%
70,000	\$ 591.15	\$ 710.96	\$ 119.81	20.27%
80,000	\$ 670.95	\$ 806.94	\$ 135.99	20.27%
90,000	\$ 750.75	\$ 902.92	\$ 152.17	20.27%
100,000	\$ 830.55	\$ 998.90	\$ 168.35	20.27%
110,000	\$ 910.35	\$ 1,094.88	\$ 184.53	20.27%
120,000	\$ 990.15	\$ 1,190.86	\$ 200.71	20.27%
130,000	\$ 1,069.95	\$ 1,286.84	\$ 216.89	20.27%
140,000	\$ 1,149.75	\$ 1,382.82	\$ 233.07	20.27%
150,000	\$ 1,229.55	\$ 1,478.80	\$ 249.25	20.27%
160,000	\$ 1,309.35	\$ 1,574.78	\$ 265.43	20.27%
170,000	\$ 1,389.15	\$ 1,670.76	\$ 281.61	20.27%
180,000	\$ 1,468.95	\$ 1,766.74	\$ 297.79	20.27%

\* Present rates include 5.00% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 1A - TREASURE LAKE, VILLAGE AT VALLEY FORGE AND  
BUNKER HILL DIVISIONS  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES* (2)	PROPOSED RATES (3)		AMOUNT (4)	PERCENT (5)
0	\$ 32.55	\$ 39.10		\$ 6.55	20.12%
1,000	\$ 39.17	\$ 48.70		\$ 9.53	24.34%
2,000	\$ 45.78	\$ 58.30		\$ 12.52	27.34%
3,000	\$ 52.40	\$ 67.89		\$ 15.50	29.58%
3,700	\$ 57.03	\$ 74.61		\$ 17.59	30.84%
4,000	\$ 59.01	\$ 77.49		\$ 18.48	31.32%
5,000	\$ 65.63	\$ 87.09		\$ 21.47	32.71%
6,000	\$ 72.24	\$ 96.69		\$ 24.45	33.84%
7,000	\$ 78.86	\$ 106.29		\$ 27.43	34.79%
8,000	\$ 85.47	\$ 115.88		\$ 30.41	35.58%
9,000	\$ 92.09	\$ 125.48		\$ 33.40	36.27%
10,000	\$ 98.70	\$ 135.08		\$ 36.38	36.86%
11,000	\$ 105.32	\$ 144.68		\$ 39.36	37.38%
12,000	\$ 111.93	\$ 154.28		\$ 42.35	37.83%
13,000	\$ 118.55	\$ 163.87		\$ 45.33	38.24%
14,000	\$ 125.16	\$ 173.47		\$ 48.31	38.60%
15,000	\$ 131.78	\$ 183.07		\$ 51.30	38.93%
16,000	\$ 138.39	\$ 192.67		\$ 54.28	39.22%
17,000	\$ 145.01	\$ 202.27		\$ 57.26	39.49%
18,000	\$ 151.62	\$ 211.86		\$ 60.24	39.73%
19,000	\$ 158.24	\$ 221.46		\$ 63.23	39.96%
20,000	\$ 164.85	\$ 231.06		\$ 66.21	40.16%
25,000	\$ 197.93	\$ 279.05		\$ 81.12	40.99%
30,000	\$ 231.00	\$ 327.04		\$ 96.04	41.58%
35,000	\$ 264.08	\$ 375.03		\$ 110.96	42.02%
40,000	\$ 297.15	\$ 423.02		\$ 125.87	42.36%
45,000	\$ 330.23	\$ 471.01		\$ 140.79	42.63%
50,000	\$ 363.30	\$ 519.00		\$ 155.70	42.86%
60,000	\$ 429.45	\$ 614.98		\$ 185.53	43.20%
70,000	\$ 495.60	\$ 710.96		\$ 215.36	43.45%
80,000	\$ 561.75	\$ 806.94		\$ 245.19	43.65%
90,000	\$ 627.90	\$ 902.92		\$ 275.02	43.80%
100,000	\$ 694.05	\$ 998.90		\$ 304.85	43.92%
110,000	\$ 760.20	\$ 1,094.88		\$ 334.68	44.03%
120,000	\$ 826.35	\$ 1,190.86		\$ 364.51	44.11%
130,000	\$ 892.50	\$ 1,286.84		\$ 394.34	44.18%
140,000	\$ 958.65	\$ 1,382.82		\$ 424.17	44.25%
150,000	\$ 1,024.80	\$ 1,478.80		\$ 454.00	44.30%
160,000	\$ 1,090.95	\$ 1,574.78		\$ 483.83	44.35%
170,000	\$ 1,157.10	\$ 1,670.76		\$ 513.66	44.39%
180,000	\$ 1,223.25	\$ 1,766.74		\$ 543.49	44.43%

\* Present rates include 5.00% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 1B - PENN TOWNSHIP DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES*	PROPOSED RATES		AMOUNT (4)	PERCENT (5)
0	\$ 32.55	\$ 39.10		\$ 6.55	20.12%
1,000	\$ 32.55	\$ 48.70		\$ 16.15	49.61%
2,000	\$ 43.05	\$ 58.30		\$ 15.25	35.41%
3,000	\$ 53.55	\$ 67.89		\$ 14.34	26.79%
3,700	\$ 60.90	\$ 74.61		\$ 13.71	22.52%
4,000	\$ 64.05	\$ 77.49		\$ 13.44	20.99%
5,000	\$ 74.55	\$ 87.09		\$ 12.54	16.82%
6,000	\$ 85.05	\$ 96.69		\$ 11.64	13.68%
7,000	\$ 95.55	\$ 106.29		\$ 10.74	11.24%
8,000	\$ 106.05	\$ 115.88		\$ 9.83	9.27%
9,000	\$ 116.55	\$ 125.48		\$ 8.93	7.66%
10,000	\$ 127.05	\$ 135.08		\$ 8.03	6.32%
11,000	\$ 137.55	\$ 144.68		\$ 7.13	5.18%
12,000	\$ 148.05	\$ 154.28		\$ 6.23	4.21%
13,000	\$ 158.55	\$ 163.87		\$ 5.32	3.36%
14,000	\$ 169.05	\$ 173.47		\$ 4.42	2.62%
15,000	\$ 179.55	\$ 183.07		\$ 3.52	1.96%
16,000	\$ 190.05	\$ 192.67		\$ 2.62	1.38%
17,000	\$ 200.55	\$ 202.27		\$ 1.72	0.86%
18,000	\$ 211.05	\$ 211.86		\$ 0.81	0.39%
19,000	\$ 221.55	\$ 221.46		\$ (0.09)	-0.04%
20,000	\$ 232.05	\$ 231.06		\$ (0.99)	-0.43%
25,000	\$ 284.55	\$ 279.05		\$ (5.50)	-1.93%
30,000	\$ 337.05	\$ 327.04		\$ (10.01)	-2.97%
35,000	\$ 389.55	\$ 375.03		\$ (14.52)	-3.73%
40,000	\$ 442.05	\$ 423.02		\$ (19.03)	-4.30%
45,000	\$ 494.55	\$ 471.01		\$ (23.54)	-4.76%
50,000	\$ 547.05	\$ 519.00		\$ (28.05)	-5.13%
60,000	\$ 652.05	\$ 614.98		\$ (37.07)	-5.69%
70,000	\$ 757.05	\$ 710.96		\$ (46.09)	-6.09%
80,000	\$ 862.05	\$ 806.94		\$ (55.11)	-6.39%
90,000	\$ 967.05	\$ 902.92		\$ (64.13)	-6.63%
100,000	\$ 1,072.05	\$ 998.90		\$ (73.15)	-6.82%
110,000	\$ 1,177.05	\$ 1,094.88		\$ (82.17)	-6.98%
120,000	\$ 1,282.05	\$ 1,190.86		\$ (91.19)	-7.11%
130,000	\$ 1,387.05	\$ 1,286.84		\$ (100.21)	-7.22%
140,000	\$ 1,492.05	\$ 1,382.82		\$ (109.23)	-7.32%
150,000	\$ 1,597.05	\$ 1,478.80		\$ (118.25)	-7.40%
160,000	\$ 1,702.05	\$ 1,574.78		\$ (127.27)	-7.48%
170,000	\$ 1,807.05	\$ 1,670.76		\$ (136.29)	-7.54%
180,000	\$ 1,912.05	\$ 1,766.74		\$ (145.31)	-7.60%

\* Present rates include 5.00% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 2 - EMLENTON, RIVERCREST AND WHITE HAVEN DIVISIONS  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES*	PROPOSED RATES		AMOUNT (4)	PERCENT (5)
0	\$ 37.80	\$ 39.10		\$ 1.30	3.44%
1,000	\$ 46.31	\$ 48.70		\$ 2.39	5.17%
2,000	\$ 54.81	\$ 58.30		\$ 3.49	6.36%
3,000	\$ 63.32	\$ 67.89		\$ 4.58	7.23%
3,700	\$ 69.27	\$ 74.61		\$ 5.34	7.72%
4,000	\$ 71.82	\$ 77.49		\$ 5.67	7.90%
5,000	\$ 80.33	\$ 87.09		\$ 6.77	8.42%
6,000	\$ 88.83	\$ 96.69		\$ 7.86	8.85%
7,000	\$ 97.34	\$ 106.29		\$ 8.95	9.20%
8,000	\$ 105.84	\$ 115.88		\$ 10.04	9.49%
9,000	\$ 114.35	\$ 125.48		\$ 11.14	9.74%
10,000	\$ 122.85	\$ 135.08		\$ 12.23	9.96%
11,000	\$ 131.36	\$ 144.68		\$ 13.32	10.14%
12,000	\$ 139.86	\$ 154.28		\$ 14.42	10.31%
13,000	\$ 148.37	\$ 163.87		\$ 15.51	10.45%
14,000	\$ 156.87	\$ 173.47		\$ 16.60	10.58%
15,000	\$ 165.38	\$ 183.07		\$ 17.70	10.70%
16,000	\$ 173.88	\$ 192.67		\$ 18.79	10.81%
17,000	\$ 182.39	\$ 202.27		\$ 19.88	10.90%
18,000	\$ 190.89	\$ 211.86		\$ 20.97	10.99%
19,000	\$ 199.40	\$ 221.46		\$ 22.07	11.07%
20,000	\$ 207.90	\$ 231.06		\$ 23.16	11.14%
25,000	\$ 250.43	\$ 279.05		\$ 28.62	11.43%
30,000	\$ 292.95	\$ 327.04		\$ 34.09	11.64%
35,000	\$ 335.48	\$ 375.03		\$ 39.55	11.79%
40,000	\$ 378.00	\$ 423.02		\$ 45.02	11.91%
45,000	\$ 420.53	\$ 471.01		\$ 50.49	12.01%
50,000	\$ 463.05	\$ 519.00		\$ 55.95	12.08%
60,000	\$ 548.10	\$ 614.98		\$ 66.88	12.20%
70,000	\$ 633.15	\$ 710.96		\$ 77.81	12.29%
80,000	\$ 718.20	\$ 806.94		\$ 88.74	12.36%
90,000	\$ 803.25	\$ 902.92		\$ 99.67	12.41%
100,000	\$ 888.30	\$ 998.90		\$ 110.60	12.45%
110,000	\$ 973.35	\$ 1,094.88		\$ 121.53	12.49%
120,000	\$ 1,058.40	\$ 1,190.86		\$ 132.46	12.52%
130,000	\$ 1,143.45	\$ 1,286.84		\$ 143.39	12.54%
140,000	\$ 1,228.50	\$ 1,382.82		\$ 154.32	12.56%
150,000	\$ 1,313.55	\$ 1,478.80		\$ 165.25	12.58%
160,000	\$ 1,398.60	\$ 1,574.78		\$ 176.18	12.60%
170,000	\$ 1,483.65	\$ 1,670.76		\$ 187.11	12.61%
180,000	\$ 1,568.70	\$ 1,766.74		\$ 198.04	12.62%

\* Present rates include 5.00% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 2 - PINECREST DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
COMMERCIAL - MONTHLY  
FLAT RATE

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES* (2)	PROPOSED RATES (3)		AMOUNT (4)	PERCENT (5)
0	\$ -	\$ -		\$ -	#DIV/0!
1,000	\$ 31.50	\$ 30.00		\$ (1.50)	-4.76%
2,000	\$ 63.00	\$ 60.00		\$ (3.00)	-4.76%
3,000	\$ 94.50	\$ 90.00		\$ (4.50)	-4.76%
3,700	\$ 116.55	\$ 111.00		\$ (5.55)	-4.76%
4,000	\$ 126.00	\$ 120.00		\$ (6.00)	-4.76%
5,000	\$ 157.50	\$ 150.00		\$ (7.50)	-4.76%
6,000	\$ 189.00	\$ 180.00		\$ (9.00)	-4.76%
7,000	\$ 220.50	\$ 210.00		\$ (10.50)	-4.76%
8,000	\$ 252.00	\$ 240.00		\$ (12.00)	-4.76%
9,000	\$ 283.50	\$ 270.00		\$ (13.50)	-4.76%
10,000	\$ 315.00	\$ 300.00		\$ (15.00)	-4.76%
11,000	\$ 346.50	\$ 330.00		\$ (16.50)	-4.76%
12,000	\$ 378.00	\$ 360.00		\$ (18.00)	-4.76%
13,000	\$ 409.50	\$ 390.00		\$ (19.50)	-4.76%
14,000	\$ 441.00	\$ 420.00		\$ (21.00)	-4.76%
15,000	\$ 472.50	\$ 450.00		\$ (22.50)	-4.76%
16,000	\$ 504.00	\$ 480.00		\$ (24.00)	-4.76%
17,000	\$ 535.50	\$ 510.00		\$ (25.50)	-4.76%
18,000	\$ 567.00	\$ 540.00		\$ (27.00)	-4.76%
19,000	\$ 598.50	\$ 570.00		\$ (28.50)	-4.76%
20,000	\$ 630.00	\$ 600.00		\$ (30.00)	-4.76%
25,000	\$ 787.50	\$ 750.00		\$ (37.50)	-4.76%
30,000	\$ 945.00	\$ 900.00		\$ (45.00)	-4.76%
35,000	\$ 1,102.50	\$ 1,050.00		\$ (52.50)	-4.76%
40,000	\$ 1,260.00	\$ 1,200.00		\$ (60.00)	-4.76%
45,000	\$ 1,417.50	\$ 1,350.00		\$ (67.50)	-4.76%
50,000	\$ 1,575.00	\$ 1,500.00		\$ (75.00)	-4.76%
60,000	\$ 1,890.00	\$ 1,800.00		\$ (90.00)	-4.76%
70,000	\$ 2,205.00	\$ 2,100.00		\$ (105.00)	-4.76%
80,000	\$ 2,520.00	\$ 2,400.00		\$ (120.00)	-4.76%
90,000	\$ 2,835.00	\$ 2,700.00		\$ (135.00)	-4.76%
100,000	\$ 3,150.00	\$ 3,000.00		\$ (150.00)	-4.76%
110,000	\$ 3,465.00	\$ 3,300.00		\$ (165.00)	-4.76%
120,000	\$ 3,780.00	\$ 3,600.00		\$ (180.00)	-4.76%
130,000	\$ 4,095.00	\$ 3,900.00		\$ (195.00)	-4.76%
140,000	\$ 4,410.00	\$ 4,200.00		\$ (210.00)	-4.76%
150,000	\$ 4,725.00	\$ 4,500.00		\$ (225.00)	-4.76%
160,000	\$ 5,040.00	\$ 4,800.00		\$ (240.00)	-4.76%
170,000	\$ 5,355.00	\$ 5,100.00		\$ (255.00)	-4.76%
180,000	\$ 5,670.00	\$ 5,400.00		\$ (270.00)	-4.76%

\* Present rates include 5.00% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 3 - BEECH MOUNTAIN LAKES, DEERFIELD KNOLL, LAUREL  
LAKES, LINKS AT GETTYSBURG, STONEY CREEK, THORNHURST, AND  
WILLSITOWN WOODS DIVISIONS  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES*	PROPOSED RATES		AMOUNT (4)	PERCENT (5)
0	\$ 48.30	\$ 58.09		\$ 9.79	20.27%
1,000	\$ 57.23	\$ 68.82		\$ 11.60	20.27%
2,000	\$ 66.15	\$ 79.56		\$ 13.41	20.27%
3,000	\$ 75.08	\$ 90.29		\$ 15.22	20.27%
3,700	\$ 81.32	\$ 97.81		\$ 16.48	20.27%
4,000	\$ 84.00	\$ 101.03		\$ 17.03	20.27%
5,000	\$ 92.93	\$ 111.76		\$ 18.84	20.27%
6,000	\$ 101.85	\$ 122.49		\$ 20.64	20.27%
7,000	\$ 110.78	\$ 133.23		\$ 22.45	20.27%
8,000	\$ 119.70	\$ 143.96		\$ 24.26	20.27%
9,000	\$ 128.63	\$ 154.70		\$ 26.07	20.27%
10,000	\$ 137.55	\$ 165.43		\$ 27.88	20.27%
11,000	\$ 146.48	\$ 176.16		\$ 29.69	20.27%
12,000	\$ 155.40	\$ 186.90		\$ 31.50	20.27%
13,000	\$ 164.33	\$ 197.63		\$ 33.31	20.27%
14,000	\$ 173.25	\$ 208.37		\$ 35.12	20.27%
15,000	\$ 182.18	\$ 219.10		\$ 36.93	20.27%
16,000	\$ 191.10	\$ 229.83		\$ 38.73	20.27%
17,000	\$ 200.03	\$ 240.57		\$ 40.54	20.27%
18,000	\$ 208.95	\$ 251.30		\$ 42.35	20.27%
19,000	\$ 217.88	\$ 262.04		\$ 44.16	20.27%
20,000	\$ 226.80	\$ 272.77		\$ 45.97	20.27%
25,000	\$ 271.43	\$ 326.44		\$ 55.01	20.27%
30,000	\$ 316.05	\$ 380.11		\$ 64.06	20.27%
35,000	\$ 360.68	\$ 433.78		\$ 73.11	20.27%
40,000	\$ 405.30	\$ 487.45		\$ 82.15	20.27%
45,000	\$ 449.93	\$ 541.12		\$ 91.19	20.27%
50,000	\$ 494.55	\$ 594.79		\$ 100.24	20.27%
60,000	\$ 583.80	\$ 702.13		\$ 118.33	20.27%
70,000	\$ 673.05	\$ 809.47		\$ 136.42	20.27%
80,000	\$ 762.30	\$ 916.81		\$ 154.51	20.27%
90,000	\$ 851.55	\$ 1,024.15		\$ 172.60	20.27%
100,000	\$ 940.80	\$ 1,131.49		\$ 190.69	20.27%
110,000	\$ 1,030.05	\$ 1,238.83		\$ 208.78	20.27%
120,000	\$ 1,119.30	\$ 1,346.17		\$ 226.87	20.27%
130,000	\$ 1,208.55	\$ 1,453.51		\$ 244.96	20.27%
140,000	\$ 1,297.80	\$ 1,560.85		\$ 263.05	20.27%
150,000	\$ 1,387.05	\$ 1,668.19		\$ 281.14	20.27%
160,000	\$ 1,476.30	\$ 1,775.53		\$ 299.23	20.27%
170,000	\$ 1,565.55	\$ 1,882.87		\$ 317.32	20.27%
180,000	\$ 1,654.80	\$ 1,990.21		\$ 335.41	20.27%

\* Present rates include 5.00% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 3 - WOODLOCH SPRINGS DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
FLAT RATE

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES*	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$ 296.32	\$ 356.40	\$ 60.08	20.28%
1,000	\$ 297.58	\$ 357.92	\$ 60.33	20.28%
2,000	\$ 298.84	\$ 359.43	\$ 60.59	20.27%
3,000	\$ 300.10	\$ 360.95	\$ 60.84	20.27%
3,700	\$ 300.98	\$ 362.01	\$ 61.02	20.27%
4,000	\$ 301.36	\$ 362.46	\$ 61.10	20.27%
5,000	\$ 302.62	\$ 363.98	\$ 61.35	20.27%
6,000	\$ 303.88	\$ 365.49	\$ 61.61	20.27%
7,000	\$ 305.14	\$ 367.01	\$ 61.86	20.27%
8,000	\$ 306.40	\$ 368.52	\$ 62.12	20.27%
9,000	\$ 307.66	\$ 370.04	\$ 62.37	20.27%
10,000	\$ 308.92	\$ 371.55	\$ 62.63	20.27%
11,000	\$ 310.18	\$ 373.07	\$ 62.88	20.27%
12,000	\$ 311.44	\$ 374.58	\$ 63.14	20.27%
13,000	\$ 312.70	\$ 376.10	\$ 63.39	20.27%
14,000	\$ 313.96	\$ 377.61	\$ 63.65	20.27%
15,000	\$ 315.22	\$ 379.13	\$ 63.90	20.27%
16,000	\$ 316.48	\$ 380.64	\$ 64.16	20.27%
17,000	\$ 317.74	\$ 382.16	\$ 64.41	20.27%
18,000	\$ 319.00	\$ 383.67	\$ 64.67	20.27%
19,000	\$ 320.26	\$ 385.19	\$ 64.92	20.27%
20,000	\$ 321.52	\$ 386.70	\$ 65.18	20.27%
25,000	\$ 327.82	\$ 394.28	\$ 66.45	20.27%
30,000	\$ 334.12	\$ 401.85	\$ 67.73	20.27%
35,000	\$ 340.42	\$ 409.43	\$ 69.00	20.27%
40,000	\$ 346.72	\$ 417.00	\$ 70.28	20.27%
45,000	\$ 353.02	\$ 424.58	\$ 71.55	20.27%
50,000	\$ 359.32	\$ 432.15	\$ 72.83	20.27%
60,000	\$ 371.92	\$ 447.30	\$ 75.38	20.27%
70,000	\$ 384.52	\$ 462.45	\$ 77.93	20.27%
80,000	\$ 397.12	\$ 477.60	\$ 80.48	20.27%
90,000	\$ 409.72	\$ 492.75	\$ 83.03	20.26%
100,000	\$ 422.32	\$ 507.90	\$ 85.58	20.26%
110,000	\$ 434.92	\$ 523.05	\$ 88.13	20.26%
120,000	\$ 447.52	\$ 538.20	\$ 90.68	20.26%
130,000	\$ 460.12	\$ 553.35	\$ 93.23	20.26%
140,000	\$ 472.72	\$ 568.50	\$ 95.78	20.26%
150,000	\$ 485.32	\$ 583.65	\$ 98.33	20.26%
160,000	\$ 497.92	\$ 598.80	\$ 100.88	20.26%
170,000	\$ 510.52	\$ 613.95	\$ 103.43	20.26%
180,000	\$ 523.12	\$ 629.10	\$ 105.98	20.26%

\* Present rates include 5.00% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 4 - HONEYCROFT VILLAGE, LAKE HARMONY, NEW DALEVILLE,  
PEDDLERS VIEW, TOBYHANNA TOWNSHIP, TWIN HILLS DIVISIONS  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES*	PROPOSED RATES		AMOUNT	PERCENT
(2)	(3)		(4)	(5)	
0	\$ 65.10	\$ 77.50	\$ 12.40	19.05%	
1,000	\$ 75.08	\$ 89.38	\$ 14.30	19.05%	
2,000	\$ 85.05	\$ 101.25	\$ 16.20	19.05%	
3,000	\$ 95.03	\$ 113.13	\$ 18.10	19.05%	
3,700	\$ 102.01	\$ 121.44	\$ 19.43	19.05%	
4,000	\$ 105.00	\$ 125.00	\$ 20.00	19.05%	
5,000	\$ 114.98	\$ 136.88	\$ 21.90	19.05%	
6,000	\$ 124.95	\$ 148.75	\$ 23.80	19.05%	
7,000	\$ 134.93	\$ 160.63	\$ 25.70	19.05%	
8,000	\$ 144.90	\$ 172.50	\$ 27.60	19.05%	
9,000	\$ 154.88	\$ 184.38	\$ 29.50	19.05%	
10,000	\$ 164.85	\$ 196.25	\$ 31.40	19.05%	
11,000	\$ 174.83	\$ 208.13	\$ 33.30	19.05%	
12,000	\$ 184.80	\$ 220.00	\$ 35.20	19.05%	
13,000	\$ 194.78	\$ 231.88	\$ 37.10	19.05%	
14,000	\$ 204.75	\$ 243.75	\$ 39.00	19.05%	
15,000	\$ 214.73	\$ 255.63	\$ 40.90	19.05%	
16,000	\$ 224.70	\$ 267.50	\$ 42.80	19.05%	
17,000	\$ 234.68	\$ 279.38	\$ 44.70	19.05%	
18,000	\$ 244.65	\$ 291.25	\$ 46.60	19.05%	
19,000	\$ 254.63	\$ 303.13	\$ 48.50	19.05%	
20,000	\$ 264.60	\$ 315.00	\$ 50.40	19.05%	
25,000	\$ 314.48	\$ 374.38	\$ 59.90	19.05%	
30,000	\$ 364.35	\$ 433.75	\$ 69.40	19.05%	
35,000	\$ 414.23	\$ 493.13	\$ 78.90	19.05%	
40,000	\$ 464.10	\$ 552.50	\$ 88.40	19.05%	
45,000	\$ 513.98	\$ 611.88	\$ 97.90	19.05%	
50,000	\$ 563.85	\$ 671.25	\$ 107.40	19.05%	
60,000	\$ 663.60	\$ 790.00	\$ 126.40	19.05%	
70,000	\$ 763.35	\$ 908.75	\$ 145.40	19.05%	
80,000	\$ 863.10	\$ 1,027.50	\$ 164.40	19.05%	
90,000	\$ 962.85	\$ 1,146.25	\$ 183.40	19.05%	
100,000	\$ 1,062.60	\$ 1,265.00	\$ 202.40	19.05%	
110,000	\$ 1,162.35	\$ 1,383.75	\$ 221.40	19.05%	
120,000	\$ 1,262.10	\$ 1,502.50	\$ 240.40	19.05%	
130,000	\$ 1,361.85	\$ 1,621.25	\$ 259.40	19.05%	
140,000	\$ 1,461.60	\$ 1,740.00	\$ 278.40	19.05%	
150,000	\$ 1,561.35	\$ 1,858.75	\$ 297.40	19.05%	
160,000	\$ 1,661.10	\$ 1,977.50	\$ 316.40	19.05%	
170,000	\$ 1,760.85	\$ 2,096.25	\$ 335.40	19.05%	
180,000	\$ 1,860.60	\$ 2,215.00	\$ 354.40	19.05%	

\* Present rates include 5.00% DSIC.

AQUA PENNSYLVANIA INC.

RATE ZONE 4 - HONEYCROFT VILLAGE, LAKE HARMONY, NEW DALEVILLE,  
PEDDLERS VIEW, TOBYHANNA TOWNSHIP, TWIN HILLS DIVISIONS  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
FLAT RATE

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)		AMOUNT (4)	PERCENT (5)
0	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
1,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
2,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
3,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
3,700	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
4,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
5,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
6,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
7,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
8,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
9,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
10,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
11,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
12,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
13,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
14,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
15,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
16,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
17,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
18,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
19,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
20,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
25,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
30,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
35,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
40,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
45,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
50,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
60,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
70,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
80,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
90,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
100,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
110,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
120,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
130,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
140,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
150,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
160,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
170,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%
180,000	\$ 100.00	\$ 125.00		\$ 25.00	25.00%

\* Present rates include 5.00% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 5 - EAST BRADFORD, LITTLE WASHINGTON, GREENS AT PENN  
OAKS, AND PLUMSOCK DIVISIONS  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
5/8 INCH METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES*	PROPOSED RATES		AMOUNT (4)	PERCENT (5)
0	\$ 77.70	\$ 93.45		\$ 15.75	20.27%
1,000	\$ 87.78	\$ 105.57		\$ 17.79	20.27%
2,000	\$ 97.86	\$ 117.70		\$ 19.84	20.27%
3,000	\$ 107.94	\$ 129.82		\$ 21.88	20.27%
3,700	\$ 115.00	\$ 138.31		\$ 23.31	20.27%
4,000	\$ 118.02	\$ 141.94		\$ 23.92	20.27%
5,000	\$ 128.10	\$ 154.07		\$ 25.97	20.27%
6,000	\$ 138.18	\$ 166.19		\$ 28.01	20.27%
7,000	\$ 148.26	\$ 178.31		\$ 30.05	20.27%
8,000	\$ 158.34	\$ 190.43		\$ 32.09	20.27%
9,000	\$ 168.42	\$ 202.56		\$ 34.14	20.27%
10,000	\$ 178.50	\$ 214.68		\$ 36.18	20.27%
11,000	\$ 188.58	\$ 226.80		\$ 38.22	20.27%
12,000	\$ 198.66	\$ 238.93		\$ 40.27	20.27%
13,000	\$ 208.74	\$ 251.05		\$ 42.31	20.27%
14,000	\$ 218.82	\$ 263.17		\$ 44.35	20.27%
15,000	\$ 228.90	\$ 275.30		\$ 46.40	20.27%
16,000	\$ 238.98	\$ 287.42		\$ 48.44	20.27%
17,000	\$ 249.06	\$ 299.54		\$ 50.48	20.27%
18,000	\$ 259.14	\$ 311.66		\$ 52.52	20.27%
19,000	\$ 269.22	\$ 323.79		\$ 54.57	20.27%
20,000	\$ 279.30	\$ 335.91		\$ 56.61	20.27%
25,000	\$ 329.70	\$ 396.53		\$ 66.83	20.27%
30,000	\$ 380.10	\$ 457.14		\$ 77.04	20.27%
35,000	\$ 430.50	\$ 517.76		\$ 87.26	20.27%
40,000	\$ 480.90	\$ 578.37		\$ 97.47	20.27%
45,000	\$ 531.30	\$ 638.99		\$ 107.69	20.27%
50,000	\$ 581.70	\$ 699.60		\$ 117.90	20.27%
60,000	\$ 682.50	\$ 820.83		\$ 138.33	20.27%
70,000	\$ 783.30	\$ 942.06		\$ 158.76	20.27%
80,000	\$ 884.10	\$ 1,063.29		\$ 179.19	20.27%
90,000	\$ 984.90	\$ 1,184.52		\$ 199.62	20.27%
100,000	\$ 1,085.70	\$ 1,305.75		\$ 220.05	20.27%
110,000	\$ 1,186.50	\$ 1,426.98		\$ 240.48	20.27%
120,000	\$ 1,287.30	\$ 1,548.21		\$ 260.91	20.27%
130,000	\$ 1,388.10	\$ 1,669.44		\$ 281.34	20.27%
140,000	\$ 1,488.90	\$ 1,790.67		\$ 301.77	20.27%
150,000	\$ 1,589.70	\$ 1,911.90		\$ 322.20	20.27%
160,000	\$ 1,690.50	\$ 2,033.13		\$ 342.63	20.27%
170,000	\$ 1,791.30	\$ 2,154.36		\$ 363.06	20.27%
180,000	\$ 1,892.10	\$ 2,275.59		\$ 383.49	20.27%

\* Present rates include 5.00% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 5 - NEWLIN GREEN DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
ALL METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES*	PROPOSED RATES		AMOUNT (4)	PERCENT (5)
0	\$ 115.50	\$ 93.45		\$ (22.05)	-19.09%
1,000	\$ 123.38	\$ 105.57		\$ (17.80)	-14.43%
2,000	\$ 131.25	\$ 117.70		\$ (13.55)	-10.33%
3,000	\$ 139.13	\$ 129.82		\$ (9.31)	-6.69%
3,700	\$ 144.64	\$ 138.31		\$ (6.33)	-4.38%
4,000	\$ 147.00	\$ 141.94		\$ (5.06)	-3.44%
5,000	\$ 154.88	\$ 154.07		\$ (0.81)	-0.52%
6,000	\$ 162.75	\$ 166.19		\$ 3.44	2.11%
7,000	\$ 170.63	\$ 178.31		\$ 7.69	4.50%
8,000	\$ 178.50	\$ 190.43		\$ 11.93	6.69%
9,000	\$ 186.38	\$ 202.56		\$ 16.18	8.68%
10,000	\$ 194.25	\$ 214.68		\$ 20.43	10.52%
11,000	\$ 202.13	\$ 226.80		\$ 24.68	12.21%
12,000	\$ 210.00	\$ 238.93		\$ 28.93	13.77%
13,000	\$ 217.88	\$ 251.05		\$ 33.17	15.23%
14,000	\$ 225.75	\$ 263.17		\$ 37.42	16.58%
15,000	\$ 233.63	\$ 275.30		\$ 41.67	17.84%
16,000	\$ 241.50	\$ 287.42		\$ 45.92	19.01%
17,000	\$ 249.38	\$ 299.54		\$ 50.17	20.12%
18,000	\$ 257.25	\$ 311.66		\$ 54.41	21.15%
19,000	\$ 265.13	\$ 323.79		\$ 58.66	22.13%
20,000	\$ 273.00	\$ 335.91		\$ 62.91	23.04%
25,000	\$ 312.38	\$ 396.53		\$ 84.15	26.94%
30,000	\$ 351.75	\$ 457.14		\$ 105.39	29.96%
35,000	\$ 391.13	\$ 517.76		\$ 126.63	32.38%
40,000	\$ 430.50	\$ 578.37		\$ 147.87	34.35%
45,000	\$ 469.88	\$ 638.99		\$ 169.11	35.99%
50,000	\$ 509.25	\$ 699.60		\$ 190.35	37.38%
60,000	\$ 588.00	\$ 820.83		\$ 232.83	39.60%
70,000	\$ 666.75	\$ 942.06		\$ 275.31	41.29%
80,000	\$ 745.50	\$ 1,063.29		\$ 317.79	42.63%
90,000	\$ 824.25	\$ 1,184.52		\$ 360.27	43.71%
100,000	\$ 903.00	\$ 1,305.75		\$ 402.75	44.60%
110,000	\$ 981.75	\$ 1,426.98		\$ 445.23	45.35%
120,000	\$ 1,060.50	\$ 1,548.21		\$ 487.71	45.99%
130,000	\$ 1,139.25	\$ 1,669.44		\$ 530.19	46.54%
140,000	\$ 1,218.00	\$ 1,790.67		\$ 572.67	47.02%
150,000	\$ 1,296.75	\$ 1,911.90		\$ 615.15	47.44%
160,000	\$ 1,375.50	\$ 2,033.13		\$ 657.63	47.81%
170,000	\$ 1,454.25	\$ 2,154.36		\$ 700.11	48.14%
180,000	\$ 1,533.00	\$ 2,275.59		\$ 742.59	48.44%

\* Present rates include 5.00% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 5 - AVON GROVE SCHOOL DISTRICT DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
COMMERCIAL - MONTHLY  
6 INCH METERS

CONSUMPTION GALLONS	BILLS UNDER		INCREASE	
	PRESENT RATES	PROPOSED RATES	AMOUNT	PERCENT
(1)	(2)	(3)	(4)	(5)
0	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
1,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
2,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
3,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
3,700	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
4,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
5,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
6,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
7,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
8,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
9,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
10,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
11,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
12,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
13,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
14,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
15,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
16,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
17,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
18,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
19,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
20,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
25,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
30,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
35,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
40,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
45,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
50,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
60,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
70,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
80,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
90,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
100,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
110,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
120,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
130,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
140,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
150,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
160,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
170,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%
180,000	\$ 8,695.31	\$10,503.71	\$ 1,808.40	20.80%

AQUA PENNSYLVANIA INC.  
RATE ZONE 5 - SAGE HILL DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
ALL CUSTOMER CLASSES - MONTHLY  
FLAT RATE

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE AMOUNT (4)	INCREASE PERCENT (5)
	PRESENT RATES*	PROPOSED RATES		
0	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
1,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
2,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
3,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
3,700	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
4,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
5,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
6,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
7,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
8,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
9,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
10,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
11,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
12,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
13,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
14,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
15,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
16,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
17,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
18,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
19,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
20,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
25,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
30,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
35,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
40,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
45,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
50,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
60,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
70,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
80,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
90,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
100,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
110,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
120,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
130,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
140,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
150,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
160,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
170,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%
180,000	\$ 189.00	\$ 141.94	\$ (47.06)	-24.90%

\* Present rates include 5.00% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 6 - MASTHOPE DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
ALL METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES*	PROPOSED RATES	AMOUNT	PERCENT
(2)	(3)	(4)	(5)	
0	\$ 41.62	\$ 50.10	\$ 8.48	20.37%
1,000	\$ 42.67	\$ 51.36	\$ 8.69	20.37%
2,000	\$ 43.72	\$ 52.63	\$ 8.90	20.36%
3,000	\$ 44.77	\$ 53.89	\$ 9.12	20.36%
3,700	\$ 45.51	\$ 54.77	\$ 9.27	20.36%
4,000	\$ 45.82	\$ 55.15	\$ 9.33	20.36%
5,000	\$ 46.87	\$ 56.41	\$ 9.54	20.36%
6,000	\$ 47.92	\$ 57.68	\$ 9.76	20.36%
7,000	\$ 48.97	\$ 58.94	\$ 9.97	20.35%
8,000	\$ 50.02	\$ 60.20	\$ 10.18	20.35%
9,000	\$ 51.07	\$ 61.47	\$ 10.39	20.35%
10,000	\$ 52.12	\$ 62.73	\$ 10.61	20.35%
11,000	\$ 53.17	\$ 63.99	\$ 10.82	20.35%
12,000	\$ 54.22	\$ 65.25	\$ 11.03	20.35%
13,000	\$ 55.27	\$ 66.52	\$ 11.25	20.35%
14,000	\$ 56.32	\$ 67.78	\$ 11.46	20.34%
15,000	\$ 57.37	\$ 69.04	\$ 11.67	20.34%
16,000	\$ 58.42	\$ 70.31	\$ 11.88	20.34%
17,000	\$ 59.47	\$ 71.57	\$ 12.10	20.34%
18,000	\$ 60.52	\$ 72.83	\$ 12.31	20.34%
19,000	\$ 61.57	\$ 74.09	\$ 12.52	20.34%
20,000	\$ 62.62	\$ 75.36	\$ 12.74	20.34%
25,000	\$ 67.87	\$ 81.67	\$ 13.80	20.33%
30,000	\$ 73.12	\$ 87.99	\$ 14.86	20.33%
35,000	\$ 78.37	\$ 94.30	\$ 15.93	20.32%
40,000	\$ 83.62	\$ 100.61	\$ 16.99	20.32%
45,000	\$ 88.87	\$ 106.93	\$ 18.06	20.32%
50,000	\$ 94.12	\$ 113.24	\$ 19.12	20.32%
60,000	\$ 104.62	\$ 125.87	\$ 21.25	20.31%
70,000	\$ 115.12	\$ 138.50	\$ 23.38	20.31%
80,000	\$ 125.62	\$ 151.13	\$ 25.51	20.30%
90,000	\$ 136.12	\$ 163.76	\$ 27.64	20.30%
100,000	\$ 146.62	\$ 176.39	\$ 29.76	20.30%
110,000	\$ 157.12	\$ 189.01	\$ 31.89	20.30%
120,000	\$ 167.62	\$ 201.64	\$ 34.02	20.30%
130,000	\$ 178.12	\$ 214.27	\$ 36.15	20.29%
140,000	\$ 188.62	\$ 226.90	\$ 38.28	20.29%
150,000	\$ 199.12	\$ 239.53	\$ 40.41	20.29%
160,000	\$ 209.62	\$ 252.16	\$ 42.54	20.29%
170,000	\$ 220.12	\$ 264.79	\$ 44.66	20.29%
180,000	\$ 230.62	\$ 277.41	\$ 46.79	20.29%

\* Present rates include 5.00% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 7 - LIMERICK DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
ALL METERS

CONSUMPTION GALLONS (1)	BILLS UNDER		INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)	AMOUNT (4)	PERCENT (5)
0	\$ 29.51	\$ 39.48	\$ 9.97	33.81%
1,000	\$ 29.51	\$ 47.85	\$ 18.34	62.16%
2,000	\$ 29.51	\$ 56.21	\$ 26.71	90.52%
3,000	\$ 32.94	\$ 64.58	\$ 31.63	96.02%
3,700	\$ 37.69	\$ 70.43	\$ 32.74	86.87%
4,000	\$ 39.73	\$ 72.94	\$ 33.22	83.61%
5,000	\$ 46.51	\$ 81.31	\$ 34.80	74.82%
6,000	\$ 53.29	\$ 89.68	\$ 36.38	68.27%
7,000	\$ 60.08	\$ 98.04	\$ 37.97	63.20%
8,000	\$ 66.86	\$ 106.41	\$ 39.55	59.15%
9,000	\$ 73.64	\$ 114.77	\$ 41.13	55.85%
10,000	\$ 80.42	\$ 123.14	\$ 42.72	53.11%
11,000	\$ 87.21	\$ 131.51	\$ 44.30	50.80%
12,000	\$ 93.99	\$ 139.87	\$ 45.88	48.81%
13,000	\$ 100.77	\$ 148.24	\$ 47.46	47.10%
14,000	\$ 107.56	\$ 156.60	\$ 49.05	45.60%
15,000	\$ 114.34	\$ 164.97	\$ 50.63	44.28%
16,000	\$ 121.12	\$ 173.34	\$ 52.21	43.11%
17,000	\$ 127.91	\$ 181.70	\$ 53.80	42.06%
18,000	\$ 134.69	\$ 190.07	\$ 55.38	41.12%
19,000	\$ 141.47	\$ 198.43	\$ 56.96	40.26%
20,000	\$ 148.25	\$ 206.80	\$ 58.55	39.49%
25,000	\$ 182.17	\$ 248.63	\$ 66.46	36.48%
30,000	\$ 216.08	\$ 290.46	\$ 74.38	34.42%
35,000	\$ 250.00	\$ 332.29	\$ 82.29	32.92%
40,000	\$ 283.91	\$ 374.12	\$ 90.21	31.77%
45,000	\$ 317.83	\$ 415.95	\$ 98.12	30.87%
50,000	\$ 351.74	\$ 457.78	\$ 106.04	30.15%
60,000	\$ 419.57	\$ 541.44	\$ 121.87	29.04%
70,000	\$ 487.40	\$ 625.10	\$ 137.70	28.25%
80,000	\$ 555.23	\$ 708.76	\$ 153.53	27.65%
90,000	\$ 623.06	\$ 792.42	\$ 169.36	27.18%
100,000	\$ 690.89	\$ 876.08	\$ 185.19	26.80%
110,000	\$ 758.72	\$ 959.74	\$ 201.02	26.49%
120,000	\$ 826.55	\$ 1,043.40	\$ 216.85	26.23%
130,000	\$ 894.38	\$ 1,127.06	\$ 232.68	26.02%
140,000	\$ 962.21	\$ 1,210.72	\$ 248.51	25.83%
150,000	\$ 1,030.04	\$ 1,294.38	\$ 264.34	25.66%
160,000	\$ 1,097.87	\$ 1,378.04	\$ 280.17	25.52%
170,000	\$ 1,165.70	\$ 1,461.70	\$ 296.00	25.39%
180,000	\$ 1,233.53	\$ 1,545.36	\$ 311.83	25.28%

\* Present rates include 5.00% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 8 - EAST BRADFORD DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
SINGLE FAMILY DETACHED - MONTHLY  
ALL METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES*	PROPOSED RATES		AMOUNT (4)	PERCENT (5)
0	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
1,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
2,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
3,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
3,700	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
4,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
5,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
6,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
7,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
8,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
9,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
10,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
11,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
12,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
13,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
14,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
15,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
16,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
17,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
18,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
19,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
20,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
25,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
30,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
35,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
40,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
45,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
50,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
60,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
70,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
80,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
90,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
100,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
110,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
120,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
130,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
140,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
150,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
160,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
170,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%
180,000	\$ 71.49	\$ 83.42		\$ 11.93	16.68%

\* Present rates include 5.00% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 8 - EAST BRADFORD DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
TOWNHOME - MONTHLY  
ALL METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES*	PROPOSED RATES		AMOUNT (4)	PERCENT (5)
0	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
1,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
2,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
3,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
3,700	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
4,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
5,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
6,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
7,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
8,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
9,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
10,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
11,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
12,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
13,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
14,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
15,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
16,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
17,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
18,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
19,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
20,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
25,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
30,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
35,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
40,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
45,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
50,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
60,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
70,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
80,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
90,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
100,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
110,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
120,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
130,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
140,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
150,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
160,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
170,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%
180,000	\$ 55.36	\$ 83.42		\$ 28.06	50.70%

\* Present rates include 5.00% DSIC.

AQUA PENNSYLVANIA INC.  
RATE ZONE 9 - CHELTENHAM TOWNSHIP DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
ALL METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)		AMOUNT (4)	PERCENT (5)
0	\$ 20.89	\$ 28.21		\$ 7.32	35.04%
1,000	\$ 24.80	\$ 33.49		\$ 8.69	35.05%
2,000	\$ 28.71	\$ 38.78		\$ 10.07	35.06%
3,000	\$ 32.62	\$ 44.06		\$ 11.44	35.07%
3,700	\$ 35.36	\$ 47.76		\$ 12.40	35.07%
4,000	\$ 36.53	\$ 49.34		\$ 12.81	35.07%
5,000	\$ 40.44	\$ 54.63		\$ 14.19	35.08%
6,000	\$ 44.35	\$ 59.91		\$ 15.56	35.08%
7,000	\$ 48.26	\$ 65.19		\$ 16.93	35.08%
8,000	\$ 52.17	\$ 70.47		\$ 18.30	35.09%
9,000	\$ 56.08	\$ 75.76		\$ 19.68	35.09%
10,000	\$ 59.99	\$ 81.04		\$ 21.05	35.09%
11,000	\$ 63.90	\$ 86.32		\$ 22.42	35.09%
12,000	\$ 67.81	\$ 91.61		\$ 23.80	35.09%
13,000	\$ 71.72	\$ 96.89		\$ 25.17	35.09%
14,000	\$ 75.63	\$ 102.17		\$ 26.54	35.09%
15,000	\$ 79.54	\$ 107.46		\$ 27.92	35.10%
16,000	\$ 83.45	\$ 112.74		\$ 29.29	35.10%
17,000	\$ 87.36	\$ 118.02		\$ 30.66	35.10%
18,000	\$ 91.27	\$ 123.30		\$ 32.03	35.10%
19,000	\$ 95.18	\$ 128.59		\$ 33.41	35.10%
20,000	\$ 99.09	\$ 133.87		\$ 34.78	35.10%
25,000	\$ 118.64	\$ 160.29		\$ 41.65	35.10%
30,000	\$ 138.19	\$ 186.70		\$ 48.51	35.10%
35,000	\$ 157.74	\$ 213.12		\$ 55.38	35.11%
40,000	\$ 177.29	\$ 239.53		\$ 62.24	35.11%
45,000	\$ 196.84	\$ 265.95		\$ 69.10	35.11%
50,000	\$ 216.39	\$ 292.36		\$ 75.97	35.11%
60,000	\$ 255.49	\$ 345.19		\$ 89.70	35.11%
70,000	\$ 294.59	\$ 398.02		\$ 103.43	35.11%
80,000	\$ 333.69	\$ 450.85		\$ 117.16	35.11%
90,000	\$ 372.79	\$ 503.68		\$ 130.89	35.11%
100,000	\$ 411.89	\$ 556.51		\$ 144.62	35.11%
110,000	\$ 450.99	\$ 609.34		\$ 158.35	35.11%
120,000	\$ 490.09	\$ 662.17		\$ 172.08	35.11%
130,000	\$ 529.19	\$ 715.00		\$ 185.81	35.11%
140,000	\$ 568.29	\$ 767.83		\$ 199.54	35.11%
150,000	\$ 607.39	\$ 820.66		\$ 213.27	35.11%
160,000	\$ 646.49	\$ 873.49		\$ 227.00	35.11%
170,000	\$ 685.59	\$ 926.32		\$ 240.73	35.11%
180,000	\$ 724.69	\$ 979.15		\$ 254.46	35.11%

AQUA PENNSYLVANIA INC.  
RATE ZONE 10 - EAST NORRITON DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
ALL METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)		AMOUNT (4)	PERCENT (5)
0	\$ 21.08	\$ 32.37		\$ 11.29	53.56%
1,000	\$ 21.08	\$ 38.91		\$ 17.83	84.58%
2,000	\$ 25.44	\$ 45.45		\$ 20.01	78.64%
3,000	\$ 31.98	\$ 51.99		\$ 20.01	62.56%
3,700	\$ 36.56	\$ 56.57		\$ 20.01	54.73%
4,000	\$ 38.52	\$ 58.53		\$ 20.01	51.94%
5,000	\$ 45.06	\$ 65.07		\$ 20.01	44.40%
6,000	\$ 51.60	\$ 71.61		\$ 20.01	38.77%
7,000	\$ 58.14	\$ 78.15		\$ 20.01	34.41%
8,000	\$ 64.68	\$ 84.69		\$ 20.01	30.93%
9,000	\$ 71.22	\$ 91.23		\$ 20.01	28.09%
10,000	\$ 77.76	\$ 97.77		\$ 20.01	25.73%
11,000	\$ 84.30	\$ 104.31		\$ 20.01	23.73%
12,000	\$ 90.84	\$ 110.85		\$ 20.01	22.02%
13,000	\$ 97.38	\$ 117.39		\$ 20.01	20.55%
14,000	\$ 103.92	\$ 123.93		\$ 20.01	19.25%
15,000	\$ 110.46	\$ 130.47		\$ 20.01	18.11%
16,000	\$ 117.00	\$ 137.01		\$ 20.01	17.10%
17,000	\$ 123.54	\$ 143.55		\$ 20.01	16.20%
18,000	\$ 130.08	\$ 150.09		\$ 20.01	15.38%
19,000	\$ 136.62	\$ 156.63		\$ 20.01	14.64%
20,000	\$ 143.16	\$ 163.17		\$ 20.01	13.98%
25,000	\$ 175.86	\$ 195.87		\$ 20.01	11.38%
30,000	\$ 208.56	\$ 228.57		\$ 20.01	9.59%
35,000	\$ 241.26	\$ 261.27		\$ 20.01	8.29%
40,000	\$ 273.96	\$ 293.97		\$ 20.01	7.30%
45,000	\$ 306.66	\$ 326.67		\$ 20.01	6.52%
50,000	\$ 339.36	\$ 359.37		\$ 20.01	5.90%
60,000	\$ 404.76	\$ 424.77		\$ 20.01	4.94%
70,000	\$ 470.16	\$ 490.17		\$ 20.01	4.26%
80,000	\$ 535.56	\$ 555.57		\$ 20.01	3.74%
90,000	\$ 600.96	\$ 620.97		\$ 20.01	3.33%
100,000	\$ 666.36	\$ 686.37		\$ 20.01	3.00%
110,000	\$ 731.76	\$ 751.77		\$ 20.01	2.73%
120,000	\$ 797.16	\$ 817.17		\$ 20.01	2.51%
130,000	\$ 862.56	\$ 882.57		\$ 20.01	2.32%
140,000	\$ 927.96	\$ 947.97		\$ 20.01	2.16%
150,000	\$ 993.36	\$ 1,013.37		\$ 20.01	2.01%
160,000	\$ 1,058.76	\$ 1,078.77		\$ 20.01	1.89%
170,000	\$ 1,124.16	\$ 1,144.17		\$ 20.01	1.78%
180,000	\$ 1,189.56	\$ 1,209.57		\$ 20.01	1.68%

AQUA PENNSYLVANIA INC.  
RATE ZONE 10 - WHITPAIN TOWNSHIP  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
ALL METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)		AMOUNT (4)	PERCENT (5)
0	\$ 31.66	\$ 32.37		\$ 0.71	2.24%
1,000	\$ 31.66	\$ 38.91		\$ 7.25	22.90%
2,000	\$ 31.66	\$ 45.45		\$ 13.79	43.56%
3,000	\$ 31.66	\$ 51.99		\$ 20.33	64.21%
3,700	\$ 31.66	\$ 56.57		\$ 24.91	78.67%
4,000	\$ 31.66	\$ 58.53		\$ 26.87	84.87%
5,000	\$ 31.66	\$ 65.07		\$ 33.41	105.53%
6,000	\$ 31.66	\$ 71.61		\$ 39.95	126.18%
7,000	\$ 39.57	\$ 78.15		\$ 38.58	97.50%
8,000	\$ 39.57	\$ 84.69		\$ 45.12	114.03%
9,000	\$ 39.57	\$ 91.23		\$ 51.66	130.55%
10,000	\$ 39.57	\$ 97.77		\$ 58.20	147.08%
11,000	\$ 39.57	\$ 104.31		\$ 64.74	163.61%
12,000	\$ 39.57	\$ 110.85		\$ 71.28	180.14%
13,000	\$ 39.57	\$ 117.39		\$ 77.82	196.66%
14,000	\$ 39.57	\$ 123.93		\$ 84.36	213.19%
15,000	\$ 39.57	\$ 130.47		\$ 90.90	229.72%
16,000	\$ 39.57	\$ 137.01		\$ 97.44	246.25%
17,000	\$ 39.57	\$ 143.55		\$ 103.98	262.77%
18,000	\$ 39.57	\$ 150.09		\$ 110.52	279.30%
19,000	\$ 39.57	\$ 156.63		\$ 117.06	295.83%
20,000	\$ 39.57	\$ 163.17		\$ 123.60	312.36%
25,000	\$ 39.57	\$ 195.87		\$ 156.30	395.00%
30,000	\$ 39.57	\$ 228.57		\$ 189.00	477.63%
35,000	\$ 39.57	\$ 261.27		\$ 221.70	560.27%
40,000	\$ 39.57	\$ 293.97		\$ 254.40	642.91%
45,000	\$ 39.57	\$ 326.67		\$ 287.10	725.55%
50,000	\$ 39.57	\$ 359.37		\$ 319.80	808.19%
60,000	\$ 39.57	\$ 424.77		\$ 385.20	973.46%
70,000	\$ 39.57	\$ 490.17		\$ 450.60	1138.74%
80,000	\$ 39.57	\$ 555.57		\$ 516.00	1304.02%
90,000	\$ 39.57	\$ 620.97		\$ 581.40	1469.29%
100,000	\$ 39.57	\$ 686.37		\$ 646.80	1634.57%
110,000	\$ 39.57	\$ 751.77		\$ 712.20	1799.85%
120,000	\$ 39.57	\$ 817.17		\$ 777.60	1965.13%
130,000	\$ 39.57	\$ 882.57		\$ 843.00	2130.40%
140,000	\$ 39.57	\$ 947.97		\$ 908.40	2295.68%
150,000	\$ 39.57	\$ 1,013.37		\$ 973.80	2460.96%
160,000	\$ 39.57	\$ 1,078.77		\$ 1,039.20	2626.23%
170,000	\$ 39.57	\$ 1,144.17		\$ 1,104.60	2791.51%
180,000	\$ 39.57	\$ 1,209.57		\$ 1,170.00	2956.79%

AQUA PENNSYLVANIA INC.  
NORTH HEIDELBERG DIVISION  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
ALL METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)		AMOUNT (4)	PERCENT (5)
0	\$ 21.08	\$ 32.37		\$ 11.29	53.56%
1,000	\$ 21.08	\$ 41.97		\$ 20.89	99.09%
2,000	\$ 34.14	\$ 51.57		\$ 17.43	51.04%
3,000	\$ 47.20	\$ 61.16		\$ 13.96	29.58%
3,700	\$ 56.34	\$ 67.88		\$ 11.54	20.48%
4,000	\$ 60.26	\$ 70.76		\$ 10.50	17.43%
5,000	\$ 73.32	\$ 80.36		\$ 7.04	9.60%
6,000	\$ 86.38	\$ 89.96		\$ 3.58	4.14%
7,000	\$ 99.44	\$ 99.56		\$ 0.12	0.12%
8,000	\$ 107.36	\$ 109.15		\$ 1.79	1.67%
9,000	\$ 115.28	\$ 118.75		\$ 3.47	3.01%
10,000	\$ 123.20	\$ 128.35		\$ 5.15	4.18%
11,000	\$ 131.12	\$ 137.95		\$ 6.83	5.21%
12,000	\$ 139.04	\$ 147.55		\$ 8.51	6.12%
13,000	\$ 146.96	\$ 157.14		\$ 10.18	6.93%
14,000	\$ 154.88	\$ 166.74		\$ 11.86	7.66%
15,000	\$ 162.80	\$ 176.34		\$ 13.54	8.32%
16,000	\$ 170.72	\$ 185.94		\$ 15.22	8.91%
17,000	\$ 178.64	\$ 195.54		\$ 16.90	9.46%
18,000	\$ 186.56	\$ 205.13		\$ 18.57	9.96%
19,000	\$ 194.48	\$ 214.73		\$ 20.25	10.41%
20,000	\$ 202.40	\$ 224.33		\$ 21.93	10.83%
25,000	\$ 242.00	\$ 272.32		\$ 30.32	12.53%
30,000	\$ 281.60	\$ 320.31		\$ 38.71	13.75%
35,000	\$ 321.20	\$ 368.30		\$ 47.10	14.66%
40,000	\$ 360.80	\$ 416.29		\$ 55.49	15.38%
45,000	\$ 400.40	\$ 464.28		\$ 63.88	15.95%
50,000	\$ 440.00	\$ 512.27		\$ 72.27	16.43%
60,000	\$ 519.20	\$ 608.25		\$ 89.05	17.15%
70,000	\$ 598.40	\$ 704.23		\$ 105.83	17.69%
80,000	\$ 677.60	\$ 800.21		\$ 122.61	18.09%
90,000	\$ 756.80	\$ 896.19		\$ 139.39	18.42%
100,000	\$ 836.00	\$ 992.17		\$ 156.17	18.68%
110,000	\$ 915.20	\$ 1,088.15		\$ 172.95	18.90%
120,000	\$ 994.40	\$ 1,184.13		\$ 189.73	19.08%
130,000	\$ 1,073.60	\$ 1,280.11		\$ 206.51	19.24%
140,000	\$ 1,152.80	\$ 1,376.09		\$ 223.29	19.37%
150,000	\$ 1,232.00	\$ 1,472.07		\$ 240.07	19.49%
160,000	\$ 1,311.20	\$ 1,568.05		\$ 256.85	19.59%
170,000	\$ 1,390.40	\$ 1,664.03		\$ 273.63	19.68%
180,000	\$ 1,469.60	\$ 1,760.01		\$ 290.41	19.76%

AQUA PENNSYLVANIA INC.  
RATE ZONE 11 - NEW GARDEN  
COMPARISON OF BILLS UNDER PRESENT AND PROPOSED RATES  
RESIDENTIAL - MONTHLY  
ALL METERS

CONSUMPTION GALLONS (1)	BILLS UNDER			INCREASE	
	PRESENT RATES (2)	PROPOSED RATES (3)		AMOUNT (4)	PERCENT (5)
0	\$ 37.64	\$ 51.71		\$ 14.07	37.39%
1,000	\$ 37.64	\$ 51.71		\$ 14.07	37.39%
2,000	\$ 42.69	\$ 58.65		\$ 15.96	37.39%
3,000	\$ 57.86	\$ 79.50		\$ 21.64	37.40%
3,700	\$ 68.48	\$ 94.09		\$ 25.61	37.40%
4,000	\$ 73.03	\$ 100.34		\$ 27.31	37.40%
5,000	\$ 88.20	\$ 121.18		\$ 32.98	37.40%
6,000	\$ 103.37	\$ 142.03		\$ 38.66	37.40%
7,000	\$ 118.54	\$ 162.87		\$ 44.33	37.40%
8,000	\$ 133.71	\$ 183.72		\$ 50.01	37.40%
9,000	\$ 148.88	\$ 204.56		\$ 55.68	37.40%
10,000	\$ 164.05	\$ 225.40		\$ 61.35	37.40%
11,000	\$ 179.22	\$ 246.25		\$ 67.03	37.40%
12,000	\$ 194.39	\$ 267.09		\$ 72.70	37.40%
13,000	\$ 209.56	\$ 287.94		\$ 78.38	37.40%
14,000	\$ 224.73	\$ 308.78		\$ 84.05	37.40%
15,000	\$ 239.90	\$ 329.62		\$ 89.72	37.40%
16,000	\$ 259.55	\$ 356.62		\$ 97.07	37.40%
17,000	\$ 279.20	\$ 383.62		\$ 104.42	37.40%
18,000	\$ 298.85	\$ 410.62		\$ 111.77	37.40%
19,000	\$ 318.50	\$ 437.62		\$ 119.12	37.40%
20,000	\$ 338.15	\$ 464.62		\$ 126.47	37.40%
25,000	\$ 436.40	\$ 599.61		\$ 163.21	37.40%
30,000	\$ 534.65	\$ 734.61		\$ 199.96	37.40%
35,000	\$ 632.90	\$ 869.60		\$ 236.70	37.40%
40,000	\$ 731.15	\$ 1,004.60		\$ 273.45	37.40%
45,000	\$ 829.40	\$ 1,139.59		\$ 310.19	37.40%
50,000	\$ 927.65	\$ 1,274.59		\$ 346.94	37.40%
60,000	\$ 1,124.15	\$ 1,544.58		\$ 420.43	37.40%
70,000	\$ 1,320.65	\$ 1,814.57		\$ 493.92	37.40%
80,000	\$ 1,517.15	\$ 2,084.56		\$ 567.41	37.40%
90,000	\$ 1,713.65	\$ 2,354.55		\$ 640.90	37.40%
100,000	\$ 1,910.15	\$ 2,624.54		\$ 714.39	37.40%
110,000	\$ 2,106.65	\$ 2,894.53		\$ 787.88	37.40%
120,000	\$ 2,303.15	\$ 3,164.52		\$ 861.37	37.40%
130,000	\$ 2,499.65	\$ 3,434.51		\$ 934.86	37.40%
140,000	\$ 2,696.15	\$ 3,704.50		\$ 1,008.35	37.40%
150,000	\$ 2,892.65	\$ 3,974.49		\$ 1,081.84	37.40%
160,000	\$ 3,089.15	\$ 4,244.48		\$ 1,155.33	37.40%
170,000	\$ 3,285.65	\$ 4,514.47		\$ 1,228.82	37.40%
180,000	\$ 3,482.15	\$ 4,784.46		\$ 1,302.31	37.40%

AQUA PENNSYLVANIA INC.  
WASTEWATER - RATE ZONE 7  
LIMERICK DIVISION  
SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PROPOSED RATES  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021 AND 2023

Customer Classification (1)	Adjusted Revenues, Per Books Present Rates 03/31/2021(a) (2)	Bill Analysis Revenues, Proposed Rates (3)	Ref. (Schedule 2 RZ 7) (4)	Adjustment Factor (5)= (3)X(4) (5)= (3)X(4)	Revenues Under Proposed Rates (6)	Total Pro Forma Revenue Proposed Rates (7)=(6)-(2) (7)= (6)-(2)	Proposed Increase (8)
<b>METERED SALES</b>							
Residential	\$ 2,758,337	\$ 4,969,432	Sch. 3 RZ 7	0.99987008	\$ 4,968,786	\$ 2,210,449	80.1%
Commercial	1,198,307	1,952,620	Sch. 3 RZ 7	1.00001211	1,952,644	754,336	63.0%
Public Authority	13,120	17,211	Sch. 3 RZ 7	1.00002001	17,211	17,211	4,091
Total Sales Related to Wastewater	\$ 3,969,765	\$ 6,939,263			\$ 6,938,641	\$ 2,968,877	74.8%
Other Operating Revenues	8,808	8,808			8,808	8,808	0.0%
Total Wastewater Revenue	<u>\$ 3,978,573</u>	<u>\$ 6,948,071</u>			<u>\$ 6,947,449</u>	<u>\$ 2,968,877</u>	<u>74.6%</u>

(a) Excludes DSIC and Unbilled Revenue.

AQUA PENNSYLVANIA INC.  
WASTEWATER - RATE ZONE 7  
LIMERICK DIVISION  
SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PRESENT RATES  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021 AND 2023

Customer Classification (1)	Revenues, Per Books Present Rates 03/31/2021(a) (2)	Adjustment to Per Books Revenue 3/31/2021 (3)	Revenues, Per Books Present Rates 03/31/2021(a) (4)	Bill Analysis Revenues, Present Rates (5)	Ref.	Adjustment Factor (6)=(4)/(5)	Revenues Under Present Rates (7)=(6)X(5) (8)	Add Back Annualized DSIC Revenue (9)= (8)+(7)
<u>METERED SALES</u>								
Residential	\$ 3,191,879	\$ (564,907)	\$ 2,626,972	\$ 2,627,313	Sch. 3 RZ 7	0.9998701	\$ 2,626,972	\$ 131,366
Commercial	577,517	563,729	1,141,246	1,141,232	Sch. 3 RZ 7	1.0000121	1,141,246	57,062
Public Authority	11,317	1,178	12,485	12,495	Sch. 3 RZ 7	1.0000200	12,495	625
Total Sales Related to Wastewater	\$ 3,780,713	\$ (0)	\$ 3,780,713	\$ 3,781,040			\$ 3,780,713	\$ 189,052
Other Operating Revenues	8,808			8,808			8,808	8,808
Total Wastewater Revenue	\$ 3,789,521	\$ (0)	\$ 3,789,521	\$ 3,789,848			\$ 3,789,521	\$ 189,052

(a) Excludes DSIC and Unbilled Revenue.

AQUA PENNSYLVANIA, INC.  
WASTEWATER - RATE ZONE 7  
LIMERICK DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons	Number of Bills	Consumption, 100 Gallons	Present Rate	Present Revenue	Proposed Rate	Proposed Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b><u>Residential - Monthly</u></b>						
Customer Charge						
5/8	50,815	-	\$ 28.10	\$ 1,427,893	\$ 39.48	\$ 2,006,164
1	4,153	-	28.10	116,688	39.48	163,945
1 1/2	11	-	28.10	309	39.48	434
2	6,116	-	28.10	171,860	39.48	241,460
Subtotal	<u>61,094</u>	-		<u>1,716,750</u>		<u>2,412,003</u>
Allowance (2,493 Gallons)	-	1,384,001	-	\$ -	0.8366	\$ 1,157,856
1st block		<u>1,143,003</u>	0.6460	<u>738,380</u>	0.8366	<u>956,236</u>
Subtotal	<u>-</u>	<u>2,527,004</u>		<u>738,380</u>		<u>2,114,092</u>
Total Metered	61,094	2,527,004		\$ 2,455,130		\$ 4,526,095
<b><u>Residential - Unmetered</u></b>						
Customer Charge						
Unmetered Per EDU	6,078	-	\$ 28.33	\$ 172,183	\$ 72.94	\$ 443,337
TOTAL RESIDENTIAL	67,172	2,527,004		\$ 2,627,313		\$ 4,969,432
<b><u>Commercial - Monthly</u></b>						
Customer Charge						
5/8	7,072	-	\$ 28.10	\$ 198,737	\$ 39.48	\$ 279,222
3/4	1,272	-	28.10	35,742	39.48	50,217
1	1,955	-	28.10	54,942	39.48	77,192
1 1/2	8,404	-	28.10	236,153	39.48	331,791
2	1,583	-	28.10	44,473	39.48	62,483
6	1,188	-	28.10	33,386	39.48	46,907
8	297	-	28.10	8,348	39.48	11,728
10	10	-	28.10	276	39.48	388
Subtotal	<u>21,781</u>	-		<u>612,057</u>		<u>859,928</u>
Allowance (2,493 Gallons)		468,234	-	\$ -	0.8366	\$ 391,724
1st block	<u>-</u>	<u>800,210</u>	0.6460	<u>516,936</u>	0.8366	<u>669,456</u>
Subtotal	<u>-</u>	<u>1,268,444</u>		<u>516,936</u>		<u>1,061,180</u>
Total Metered	21,781	1,268,444		\$ 1,128,993		\$ 1,921,108
<b><u>Commercial - Unmetered</u></b>						
Customer Charge						
Unmetered Per EDU	432	-	\$ 28.33	\$ 12,239	\$ 72.94	\$ 31,512
TOTAL COMMERCIAL	22,213	1,268,444		\$ 1,141,232		\$ 1,952,620
<b><u>Public - Monthly</u></b>						
Customer Charge						
5/8	12	-	\$ 28.10	\$ 337	\$ 39.48	\$ 474
1	23	-	28.10	648	39.48	910
2	12	-	28.10	337	39.48	474
Subtotal	<u>47</u>	-		<u>1,322</u>		<u>1,858</u>
Allowance		1,057	-	\$ -	0.8366	\$ 884
1st block	<u>-</u>	<u>17,295</u>	0.6460	<u>11,173</u>	0.8366	<u>14,469</u>
Subtotal	<u>-</u>	<u>18,352</u>		<u>11,173</u>		<u>15,353</u>
TOTAL PUBLIC	47	18,352		\$ 12,495		\$ 17,211
TOTAL DIVISION	<u>89,432</u>	<u>3,813,800</u>		<u>\$ 3,781,040</u>		<u>\$ 6,939,263</u>

AQUA PENNSYLVANIA INC.  
**WASTEWATER - RATE ZONE 8**  
EAST BRADFORD DIVISION  
SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PROPOSED RATES  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021 AND 2023

Customer Classification (1)	Adjusted Revenues, Per Books 03/31/2021(a) (2)	Bill Analysis Revenues, Proposed Rates (Schedule 2) (3)	Adjustment Factor (4)	Revenues Under Schedule 2 RZ 8 (5)=(3)X(4)	Revenues Under Proposed Rates (6)	Pro Forma Adjustments Proposed Rates (Schedule 3) (7)		Total Revenue Proposed Rates (7)=(6)-(2) (8)	Proposed Increase (7)=(6)- (8)
						Proposed Rates (Schedule 3) (6)	Total Revenue Proposed Rates (7)		
<b>METERED SALES</b>									
Residential	\$ 864,242	\$ 1,160,442	Sch. 3 RZ 8	\$ 0.99997874	\$ 1,160,417	\$ (15,525)	\$ 1,144,892	\$ 280,650	32.5%
Commercial	132,205	208,813	Sch. 3 RZ 8	1.00003511	208,820		208,820	76,616	58.0%
Public Authority	1,744	2,857	Sch. 3 RZ 8	1.00004214	2,857		2,857	1,113	63.8%
Total Sales Related to Wastewater	998,190	1,372,112			1,372,094	(15,525)	1,356,569	358,379	35.9%
Other Operating Revenues	16,378	853		1.00000000	853	15,525	16,378	-	
<b>Total Wastewater Revenue</b>	<b>\$ 1,014,569</b>	<b>\$ 1,372,965</b>			<b>\$ 1,372,948</b>		<b>\$ 1,372,948</b>	<b>\$ 358,379</b>	

(a) Excludes DSIC and Unbilled Revenue.

AQUA PENNSYLVANIA INC.  
**WASTEWATER - RATE ZONE 8**  
EAST BRADFORD DIVISION  
SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PRESENT RATES  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021 AND 2023

Customer Classification (1)	Revenues, Per Books Present Rates 03/31/2021(a) (2)	Bill Analysis Revenues, Present Rates (Schedule 4) (3)	Ref. (4)=(2)/(3)	Adjustment Factor (5)=(3)X(4)	Revenues Under Present Rates (6)		Pro Forma Adjustments Present Rates (Schedule 3) (7)	Annualized DSIC Revenue (8)=(5)+(6)+(7)	Revenues Under Present Rates (8)
					Revenues Under Present Rates (5)= (3)X(4)	Revenues Under Present Rates (5)=(3)X(4)			
<b>METERED SALES</b>									
Residential	\$ 837,872	\$ 837,890	Sch. 3 R28	0.999978744	\$ 837,872	\$ (15,525)	\$ 41,895	\$ 864,242	
Commercial	125,909	125,905	Sch. 3 R28	1.000035106	125,909		6,295	132,205	
Public Authority	1,661	1,661	Sch. 3 R28	1.000042143	1,661			1,744	
Total Sales Related to Wastewater	\$ 965,443	\$ 965,456			\$ 965,443	\$ (15,525)	\$ 83	\$ 998,190	
Other Operating Revenues	853	853			853	15,525			16,378
Total Wastewater Revenue	\$ 966,296	\$ 966,309			\$ 966,296	\$ -	\$ 48,273	\$ 1,014,569	

(a) Excludes DSIC and Unbilled Revenue.

Schedule EB-3  
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AQUA PENNSYLVANIA, INC.  
WASTEWATER - RATE ZONE 8  
EAST BRADFORD DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Bills (6)	Proposed Consumption (7)	Proposed Rate (8)	Proposed Revenue (9)
<u>Residential - Unmetered and Metered</u>								
Flat Rate								
Single Family	4,596	-	\$ 68.09	\$ 312,921	276		\$ 83.42	\$ 23,024
Single Family - Birmingham Twp.	228		68.09	15,525	228		68.09	15,525
Townhome	9,663	-	52.72	0	509,444	-		-
Subtotal	<u>14,487</u>	<u>-</u>		<u>\$ 837,890</u>	<u>504</u>			<u>\$ 38,549</u>
EDU Charge						13,983		
All Usage		<u>-</u>	\$ -	\$ -		<u>519,099</u>	\$ 1.1080	\$ 575,161
<b>TOTAL RESIDENTIAL</b>	<b>14,487</b>	<b>-</b>		<b>\$ 837,890</b>	<b>14,487</b>	<b>519,099</b>		<b>\$ 1,160,442</b>
<u>Commercial - Monthly</u>								
EDU Charge								
5/8	60	-	\$ 26.00	\$ 1,560	60	-	\$ 39.10	\$ 2,346
3/4	24	-	26.00	624	24	-	39.10	938
1	48	-	26.00	1,248	48	-	39.10	1,877
1 1/2	20	-	26.00	520	20	-	39.10	782
2	180	-	26.00	4,680	180	-	39.10	7,038
3	24	-	26.00	624	24	-	39.10	938
4	12	-	26.00	312	12	-	39.10	469
6	<u>24</u>	<u>-</u>	<u>26.00</u>	<u>627</u>	<u>24</u>	<u>-</u>	<u>39.10</u>	<u>942</u>
Subtotal	<u>392</u>	<u>-</u>		<u>10,195</u>	<u>392</u>	<u>-</u>		<u>15,330</u>
Allowance (2,000 Gallons)		6,927	-	\$ -		6,927	1.1080	\$ 7,675
1st block	<u>-</u>	<u>167,696</u>	0.6900	<u>115,710</u>		<u>167,696</u>	1.1080	<u>185,808</u>
Subtotal	<u>-</u>	<u>174,623</u>		<u>115,710</u>		<u>174,623</u>		<u>193,483</u>
<b>TOTAL COMMERCIAL</b>	<b>392</b>	<b>174,623</b>		<b>\$ 125,905</b>		<b>174,623</b>		<b>\$ 208,813</b>
<u>Public - Monthly</u>								
Customer Charge								
3/4	12	-	\$ 26.00	\$ 312	12		\$ 39.10	\$ 469
3	<u>12</u>	<u>-</u>	<u>26.00</u>	<u>312</u>	<u>12</u>		<u>39.10</u>	<u>469</u>
Subtotal	<u>24</u>	<u>-</u>		<u>624</u>	<u>24</u>			<u>938</u>
Allowance (2,000 Gallons)		229	-	\$ -		229	1.1080	\$ 254
1st block	<u>-</u>	<u>1,503</u>	0.6900	<u>1,037</u>		<u>1,503</u>	1.1080	<u>1,665</u>
Subtotal	<u>-</u>	<u>1,732</u>		<u>1,037</u>		<u>1,732</u>		<u>1,919</u>
<b>TOTAL PUBLIC</b>	<b>24</b>	<b>1,732</b>		<b>\$ 1,661</b>		<b>1,732</b>		<b>\$ 2,857</b>
<b>TOTAL DIVISION</b>	<b><u>14,903</u></b>	<b><u>176,355</u></b>		<b><u>\$ 965,456</u></b>		<b><u>695,454</u></b>		<b><u>\$ 1,372,112</u></b>

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AQUA PENNSYLVANIA, INC.  
**WASTEWATER - RATE ZONE 8**  
EAST BRADFORD DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Bills (6)	Proposed Consumption (7)	Proposed Rate (8)	Proposed Revenue (9)
<u>Residential - Unmetered</u>								
Flat Rate Single Family - Birmingham Twp.	(228)	-	\$ 68.09	\$ (15,525)	(228)	-	\$ 68.09	\$ (15,525)
Subtotal	(228)	-		\$ (15,525)	(228)	-		\$ (15,525)
<u>Contract Sales for Resale - Unmetered</u>								
Single Family - Birmingham Twp.	228	-	\$ 68.09	\$ 15,525	228	-	\$ 68.09	\$ 15,525
Subtotal	228	-		\$ 15,525	228	-		\$ 15,525
TOTAL ADJUSTMENT	-	-		\$ -	-	-		\$ -

AQUA PENNSYLVANIA INC.  
**WASTEWATER - RATE ZONE 9**  
CHELTENHAM TOWNSHIP DIVISION  
SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PROPOSED RATES  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021 AND 2023

Customer Classification (1)	Adjusted Revenues, Per Books Present Rates 03/31/2021(a) (2)	Bill Analysis Revenues, Proposed Rates (3)	Ref. _____	Adjustment Factor (Schedule 2 RZ 9) (4)	Revenues Under Proposed Rates (5)=(3)X(4) (6)	Total Pro Forma Revenue Proposed Rates (7)=(6)- (8)	
<b>METERED SALES</b>							
Residential	\$ 4,415,789	\$ 5,966,300	Sch. 3 RZ9	0.99989180	\$ 5,965,654	\$ 1,549,865	35.1%
Commercial	2,771,955	3,744,893	Sch. 3 RZ9	1.00000160	3,744,899	972,944	35.1%
Industrial	2,787	3,764	Sch. 3 RZ9	1.00040560	3,766	978	35.1%
Public Authority	47,830	65,349	Sch. 3 RZ9	1.00000711	65,349	65,349	36.6%
Total Sales Related to Wastewater	\$ 7,238,362	\$ 9,780,306			\$ 9,779,668	\$ 2,541,306	35.1%
Other Operating Revenues	20,377	20,377			20,377	20,377	0.0%
<b>Total Wastewater Revenue</b>	<b>\$ 7,258,739</b>	<b>\$ 9,800,683</b>			<b>\$ 9,800,046</b>	<b>\$ 9,800,046</b>	<b>\$ 2,541,306</b>

(a) Excludes Unbilled Revenue.

AQUA PENNSYLVANIA INC.  
**WASTEWATER - RATE ZONE 9**  
CHELTENHAM TOWNSHIP DIVISION  
SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PRESENT RATES  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021 AND 2023

Customer Classification (1)	Revenues, Per Books Present Rates 03/31/2021(a) (2)	Bill Analysis Revenues, Present Rates (Schedule 4) (3)	Ref.	Adjustment Factor (4)=(2)/(3)	Revenues Under Present Rates (5)=(3)X(4)
<b>METERED SALES</b>					
Residential	\$ 4,415,789	\$ 4,416,267	Sch. 3 RZ9	0.999891802	\$ 4,415,789
Commercial	2,771,955	2,771,951	Sch. 3 RZ9	1.00001598	2,771,955
Industrial	2,787	2,786	Sch. 3 RZ9	1.000405699	2,787
Public Authority	47,830	47,830	Sch. 3 RZ9	1.000007109	47,830
Total Sales Related to Wastewater	<u>7,238,362</u>	<u>7,238,834</u>			<u>7,238,362</u>
Other Operating Revenues	<u>20,377</u>	<u>20,377</u>			<u>20,377</u>
Total Wastewater Revenue	<u>\$ 7,258,739</u>	<u>\$ 7,259,211</u>			<u>\$ 7,258,739</u>

(a) Excludes Unbilled Revenue.

**AQUA PENNSYLVANIA, INC.**  
**WASTEWATER - RATE ZONE 9**  
**CHELTENHAM TOWNSHIP DIVISION**  
**APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2021**

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u><b>Residential - Monthly</b></u>						
Customer Charge						
5/8	106,538	-	\$ 20.89	\$ 2,225,583	\$ 28.21	\$ 3,005,443
3/4	8,559	-	20.89	178,800	28.21	241,452
1	2,122	-	20.89	44,335	28.21	59,870
1 1/2	144	-	20.89	3,008	28.21	4,062
M	40	-	20.89	838	28.21	1,131
N	403	-	20.89	8,421	28.21	11,371
Subtotal	117,807	-		2,460,985		3,323,329
No Charge Customers		2,063	-	\$ -	0.5283	\$ 1,090
1st block	-	5,000,721	0.3910	1,955,282	0.5283	2,641,881
Subtotal	-	5,002,783		1,955,282		2,642,971
TOTAL RESIDENTIAL	117,807	5,002,783		\$ 4,416,267		\$ 5,966,300
<u><b>Commercial - Monthly</b></u>						
Customer Charge						
5/8	2,690	-	\$ 20.89	\$ 56,188	\$ 28.21	\$ 75,876
3/4	478	-	20.89	9,990	28.21	13,490
1	5,545	-	20.89	115,831	28.21	156,419
1 1/2	14,582	-	20.89	304,620	28.21	411,361
2	20,824	-	20.89	435,015	28.21	587,448
3	6,063	-	20.89	126,664	28.21	171,049
4	27,076	-	20.89	565,607	28.21	763,800
6	4,092	-	20.89	85,482	28.21	115,435
8	1,560	-	20.89	32,588	28.21	44,008
Subtotal	82,910	-		1,731,985		2,338,886
No Charge Customers		1,621	-	\$ -	0.5283	\$ 856
1st block	-	2,659,760	0.3910	1,039,966	0.5283	1,405,151
Subtotal	-	2,661,380		1,039,966		1,406,007
TOTAL COMMERCIAL	82,910	2,661,380		\$ 2,771,951		\$ 3,744,893
<u><b>Industrial - Monthly</b></u>						
Customer Charge						
5/8	60	-	\$ 20.89	\$ 1,253	\$ 28.21	\$ 1,693
3/4	24	-	20.89	501	28.21	677
1	24	-	20.89	501	28.21	677
Subtotal	108	-		2,255		3,047
1st block	-	1,358	0.3910	531	0.5283	717
Subtotal	-	1,358		531		717
TOTAL INDUSTRIAL	108	1,358		\$ 2,786		\$ 3,764

AQUA PENNSYLVANIA, INC.  
**WASTEWATER - RATE ZONE 9**  
CHELTENHAM TOWNSHIP DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Public - Monthly</u>						
Customer Charge						
5/8	24	-	\$ 20.89	\$ 501	\$ 28.21	\$ 677
3/4	12	-	20.89	251	28.21	339
1	24	-	20.89	501	28.21	677
1 1/2	192	-	20.89	4,011	28.21	5,416
2	24	-	20.89	501	28.21	677
3	504	-	20.89	10,529	28.21	14,218
4	636	-	20.89	13,286	28.21	17,942
Subtotal	1,416	-		29,580		39,946
No Charge Customers						
1st block		1,410	-	\$ -	0.5283	\$ 745
Subtotal	-	46,675	0.3910	18,250	0.5283	24,658
TOTAL PUBLIC	1,416	48,085		\$ 47,830		\$ 65,349
TOTAL DIVISION	<u>202,241</u>	<u>7,713,607</u>		<u>\$ 7,238,834</u>		<u>\$ 9,780,306</u>

ACIA PENNSYLVANIA INC.  
**WASTEWATER - RATE ZONE 10**  
EAST NORRITON TOWNSHIP DIVISION  
SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PROPOSED RATES  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021 AND 2023

Customer Classification (1)	Adjusted Revenues, Per Books 03/31/2023(a) (2)	Bill Analysis Revenues, Present Rates (Schedule 2 RZ 10) (3)	Less Adjustment (4)	Adjusted Bill Analysis Revenues, Proposed Rates (Schedule 3 RZ 10) (5)	Adjustment Factor (Schedule 3 RZ 10) (6)	Revenues Under Proposed Rates (7)=(5)X(6)	Revenues Under Proposed Rates (8)	Pro Forma Adjustments Proposed Rates (Schedule 2) (9)		Total Pro Forma Revenue (9)=(7)+(8)	Proposed Rate Increase (10)=(9)-(2)	Proposed Percent Increase (11)
								Proposed Rates (Schedule 2) (8)	Proposed Rates (10)=(9)-(2)			
<b>METERED SALES</b>												
Residential	\$ 2,099,876	\$ 2,360,874	\$ (140,785)	\$ 2,220,089	1.00157225	\$ 2,223,580	\$ 954,893	\$ 3,178,473	\$ 1,078,588	51.4%		
Commercial	\$ 816,460	\$ 624,413	\$ (28,213)	\$ 596,200	0.99153351	\$ 591,152	\$ 304,561	\$ 895,713	\$ 79,253	9.7%		
Total Sales Related to Wastewater	\$ 2,916,336	\$ 2,995,287	\$ (168,996)	\$ 2,816,299		\$ 2,814,732	\$ 1,259,454	\$ 4,034,187	\$ 1,157,851	39.7%		
Other Operating Revenues	\$ 7,435	\$ 7,435	\$ 7,435	\$ 7,435		\$ 7,435	\$ 7,435	\$ 7,435	\$ -	0.0%		
<b>Total Wastewater Revenue</b>	<b>\$ 2,923,770</b>	<b>\$ 2,992,722</b>	<b>\$ (161,563)</b>	<b>\$ 2,823,724</b>		<b>\$ 2,822,167</b>	<b>\$ 1,259,454</b>	<b>\$ 4,031,621</b>	<b>\$ 1,157,851</b>			

(a) Excludes Unbilled Revenue.

AQUA PENNSYLVANIA, INC.  
**WASTEWATER - RATE ZONE 10**  
EAST NORRITON TOWNSHIP DIVISION  
SUMMARY OF APPLICATION OF PROPOSED RATES  
TO CUSTOMER CONSUMPTION ANALYSIS FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Division (1)	Rate Zone PUC Pg. (2)	Residential (3)	Commercial (4)	Industrial (5)	Public (6)	Bulk Sales (7)	Total Sales
RZ 10 - East Norriton Division	10	\$ 2,356,599	\$ 624,110				\$ 2,980,709
RZ 10 - East Norriton - Whitpain	10-WTP	4,275	303				4,578
<hr/>							
		2,360,874	624,413	-	-	-	2,985,287
 <b>Pro Forma Adjustments</b>							
Annualize Revenue - RZ 10 - East Norriton		953,663	304,561				1,258,224
Annualize Revenue - RZ 10 - East Norriton - Whitpain		1,230	-				1,230
June 2020 Advancement - RZ10 - East Norriton		(140,785)	(28,213)				(168,998)
Subtotal Adjustments		814,108	276,348	-	-	-	1,090,456
<hr/>							
Total Pro Forma Revenues Under Proposed Rates	\$ 3,174,983	\$ 900,761	\$ -	\$ -	\$ -	\$ -	\$ 4,075,744

AQUA PENNSYLVANIA INC.  
**WASTEWATER - RATE ZONE 10**  
EAST NORRITON TOWNSHIP DIVISION  
SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PRESENT RATES  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021 AND 2023

Customer Classification (1)	Revenues, Per Books Present Rates 03/31/2021(a) (2)	Bill Analysis Revenues, Present Rates, (Schedule 4 RZ 0) (3)	Less Adjustment (4)	Adjusted Bill Analysis Revenues, Present Rates (5)	Adjustment Factor (6)=(4)(5) (7)=(5)X(6)	Revenues Under Present Rates (8)	Pro Forma Adjustments Present Rates (Schedule 4 and 6 RZ 0) (9)	Total Pro Forma Revenue Present Rates (9)=(7)+(8)
<b>METERED SALES</b>								
Residential	\$ 1,463,700	\$ 1,557,407	\$ (96,005)	\$ 1,461,402	1.001572250	\$ 1,463,700	\$ 636,1176	\$ 2,099,876
Commercial	\$ 536,265	\$ 565,659	\$ (24,815)	\$ 540,844	0.991533511	\$ 536,265	\$ 280,195	\$ 816,460
Subtotal	\$ 1,999,965	\$ 2,123,066	\$ (123,820)	\$ 2,002,246		\$ 1,999,965	\$ 916,371	\$ 2,916,336
Other Operating Revenues	\$ 7,435	\$ 7,435	\$ 7,435	\$ 7,435		\$ 7,435		\$ 7,435
Total Wastewater Revenue	\$ 2,007,399	\$ 2,130,501	\$ (113,385)	\$ 2,009,681		\$ 2,007,399	\$ 916,371	\$ 2,923,770

(a) Excludes Unbilled Revenue.

AQUA PENNSYLVANIA, INC.  
**WASTEWATER - RATE ZONE 10**  
 EAST NORRITON DIVISION  
 SUMMARY OF APPLICATION OF PRESENT RATES  
 TO CUSTOMER CONSUMPTION ANALYSIS FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Division (1)	Div. Ref. (2)	Residential (2)	Commercial (3)	Total Sales (7)
RZ 10 - East Norriton	10	1,555,269	565,157	2,120,426
RZ 10 - East Norriton - Whitpain	10-WTP	2,138	502	2,640
Total Present Wastewater Revenue		1,557,407	565,659	2,123,066
<u>Pro Forma Adjustments</u>				
Annualize Revenue - RZ 10 - East Norriton	10	635,552	280,195	915,747
Annualize Revenue - RZ 10 - East Norriton - Whitpain	10-WTP	624	-	624
June 2020 Advancement - RZ10 - East Norriton	10	(96,005)	(24,815)	(120,820)
		540,171	255,380	795,551
Total Pro Forma Revenues Under Present Rates	\$ 2,097,578	\$ 821,039	\$ 2,918,617	

**AQUA PENNSYLVANIA, INC.**  
**WASTEWATER - RATE ZONE 10**  
**EAST NORRITON DIVISION**  
**APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2021**

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	35,201	-	\$ 21.08	\$ 742,041	\$ 32.37	\$ 1,139,463
3/4	9	-	21.08	191	32.37	294
1	3,962	-	21.08	83,522	32.37	128,254
6	9	-	21.08	192	32.37	296
Subtotal	39,182	-		825,946		1,268,307
Allowance (1,333 Gallons)		491,429	-	\$ -	0.6540	\$ 321,395
1st block	-	1,004,491	0.6540	656,937	0.6540	656,937
Subtotal	-	1,495,921		656,937		978,332
Total Metered	39,182	1,495,921		\$ 1,482,883		\$ 2,246,639
<u>Residential - Unmetered</u>						
Customer Charge						
Unmetered	1,879	-	\$ 38.53	\$ 72,386	\$ 58.53	\$ 109,960
TOTAL RESIDENTIAL	41,060	1,495,921		\$ 1,555,269		\$ 2,356,599
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	1,771	-	\$ 21.08	\$ 37,332	\$ 32.37	\$ 57,326
3/4	7	-	21.08	150	32.37	231
1	406	-	21.08	8,552	32.37	13,133
1-1/2	195	-	21.08	4,104	32.37	6,301
2	279	-	21.08	5,880	32.37	9,030
4	95	-	21.08	1,998	32.37	3,067
6	88	-	21.08	1,861	32.37	2,858
8	72	-	21.08	1,507	32.37	2,314
10	17	-	21.08	364	32.37	559
Subtotal	2,929	-		61,748		94,819
Allowance (1,333 Gallons)		31,511	-	\$ -	0.6540	\$ 20,608
1st block	-	754,203	0.6540	493,249	0.6540	493,249
Subtotal	-	785,714		493,249		513,857
Total Metered Commercial	2,929	785,714		\$ 554,997		\$ 608,676
<u>Commercial - Unmetered</u>						
Customer Charge						
Unmetered	264	-	\$ 38.53	\$ 10,160	\$ 58.53	\$ 15,434
TOTAL COMMERCIAL	3,193	785,714		\$ 565,157		\$ 624,110
TOTAL DIVISION	44,253	2,281,635		\$ 2,120,426		\$ 2,980,709

AQUA PENNSYLVANIA, INC.  
**WASTEWATER - RATE ZONE 10**  
WHITPAIN TOWNSHIP DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Consumption (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Residential - Monthly</u>							
Customer Charge							
Up to 6,666 gals.	58	772	\$ 31.66	\$ 1,821		\$ 32.37	\$ 1,862
Over 6,666 gals.	8	2,522	39.57	317		32.37	259
	66	3,294		2,138			2,121
First Block					3,294	\$ 0.6540	2,154
TOTAL RESIDENTIAL	66	3,294		\$ 2,138	3,294		\$ 4,275
<u>Commercial - Monthly</u>							
Customer Charge							
4	9	-	\$ 56.00	\$ 502		\$ 32.37	\$ 290
Subtotal	9	-		502			290
Allowance (4,000 Gallons)		20	-	\$ -	\$ 20	0.6540	13
1st block	-		0.8000	-	20	0.6540	-
Subtotal	-	20			20		13
TOTAL COMMERCIAL	9	20		\$ 502	20		\$ 303
TOTAL WHITPAIN TOWNSHIP	75	3,314		\$ 2,640			\$ 4,578
	75	3314					

**AQUA PENNSYLVANIA, INC.**  
**WASTEWATER - RATE ZONE 10**  
**EAST NORRITON DIVISION**  
**APPLICATION OF PRESENT AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2021**

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	14,037	-	\$ 21.08	\$ 295,906	\$ 32.37	\$ 454,386
3/4	4	-	21.08	75	32.37	115
1	1,598	-	21.08	33,687	32.37	51,729
6	4	-	21.08	83	32.37	127
Subtotal	<u>15,643</u>	<u>-</u>		<u>329,751</u>		<u>506,357</u>
Allowance (1,333 Gallons)		193,872	-	\$ -	0.6540	\$ 126,793
1st block		<u>424,246</u>	<u>0.6540</u>	<u>277,457</u>	<u>0.6540</u>	<u>277,457</u>
Subtotal	<u>-</u>	<u>618,118</u>		<u>277,457</u>		<u>404,250</u>
Total Metered	<u>15,643</u>	<u>618,118</u>		<u>\$ 607,208</u>		<u>\$ 910,607</u>
<u>Residential - Unmetered</u>						
Customer Charge						
Unmetered	736	-	\$ 38.53	\$ 28,344	\$ 58.53	\$ 43,056
TOTAL RESIDENTIAL	<u>16,378</u>	<u>618,118</u>		<u>\$ 635,552</u>		<u>\$ 953,663</u>
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	713	-	\$ 21.08	\$ 15,031	\$ 32.37	\$ 23,081
3/4	6	-	21.08	122	32.37	188
1	169	-	21.08	3,570	32.37	5,481
1-1/2	80	-	21.08	1,684	32.37	2,586
2	116	-	21.08	2,450	32.37	3,762
4	46	-	21.08	978	32.37	1,501
6	40	-	21.08	840	32.37	1,291
8	33	-	21.08	689	32.37	1,059
10	8	-	21.08	169	32.37	260
Subtotal	<u>1,211</u>	<u>-</u>		<u>25,533</u>		<u>39,209</u>
Allowance (1,333 Gallons)		13,214	-	\$ -	0.6540	\$ 8,642
1st block		<u>383,361</u>	<u>0.6540</u>	<u>250,718</u>	<u>0.6540</u>	<u>250,718</u>
Subtotal	<u>-</u>	<u>396,575</u>		<u>\$ 250,718</u>		<u>\$ 259,360</u>
Total Metered Commercial	<u>1,211</u>	<u>396,575</u>		<u>\$ 276,251</u>		<u>\$ 298,569</u>
<u>Commercial - Unmetered</u>						
Customer Charge						
Unmetered	102	-	\$ 38.53	\$ 3,944	\$ 58.53	\$ 5,992
TOTAL COMMERCIAL	<u>1,314</u>	<u>396,575</u>		<u>\$ 280,195</u>		<u>\$ 304,561</u>
TOTAL DIVISION	<u>17,692</u>	<u>1,014,693</u>		<u>\$ 915,747</u>		<u>\$ 1,258,224</u>

AQUA PENNSYLVANIA, INC.  
**WASTEWATER - RATE ZONE 10**  
WHITPAIN TOWNSHIP DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Consumption (6)	Proposed Rate (7)	Proposed Revenue (8)
<u>Residential - Monthly</u>							
Customer Charge							
Up to 6,666 gals.	13	220	\$ 31.66	\$ 426		\$ 32.37	\$ 436
Over 6,666 gals.	5	747	39.57	198		32.37	162
	18	967		624			598
First Block					967	\$ 0.6540	632
TOTAL RESIDENTIAL	18	967		\$ 624	967		\$ 1,230
<u>Commercial - Monthly</u>							
Customer Charge							
4	-	-	\$ 56.00	\$ -		\$ 32.37	\$ -
Subtotal	-	-		-			-
Allowance (4,000 Gallons)		-	-	\$ -	\$ -	0.6540	-
1st block	-	-	0.8000	-	-	0.6540	-
Subtotal	-	-		-	-		-
Total Metered	-	-		\$ -	-		\$ -
TOTAL WHITPAIN TOWNSHIP	18	967		\$ 624			\$ 1,230

**AQUA PENNSYLVANIA, INC.**  
**WASTEWATER - RATE ZONE 10**  
**EAST NORRITON DIVISION**  
**APPLICATION OF PRESENT AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2021**

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8	(1,962)	-	\$ 21.08	\$ (41,364)	\$ 32.37	\$ (63,518)
3/4	(1)	-	21.08	(11)	32.37	(18)
1	(222)	-	21.08	(4,677)	32.37	(7,181)
6	(1)	-	21.08	(20)	32.37	(30)
Subtotal	(2,186)	-		(46,072)		(70,747)
Allowance (1,333 Gallons)		(26,773)	-	\$ -	0.6540	\$ (17,510)
1st block	-	(68,709)	0.6540	(44,935)	0.6540	(44,935)
Subtotal	-	(95,482)		(44,935)		(62,445)
Total Metered	(2,186)	(95,482)		\$ (91,007)		\$ (133,192)
<u>Residential - Unmetered</u>						
Customer Charge						
Unmetered	(130)	-	\$ 38.53	\$ (4,998)	\$ 58.53	\$ (7,593)
TOTAL RESIDENTIAL	(2,315)	(95,482)		\$ (96,005)		\$ (140,785)
<u>Commercial - Monthly</u>						
Customer Charge						
5/8	(97)	-	\$ 21.08	\$ (2,049)	\$ 32.37	\$ (3,147)
3/4		-	21.08	-	32.37	-
1	(22)	-	21.08	(458)	32.37	(704)
1-1/2	(10)	-	21.08	(211)	32.37	(325)
2	(16)	-	21.08	(337)	32.37	(518)
4	(9)	-	21.08	(200)	32.37	(307)
6	(7)	-	21.08	(138)	32.37	(213)
8	(6)	-	21.08	(124)	32.37	(190)
10		-	21.08	-	32.37	-
Subtotal	(167)	-		(3,517)		(5,404)
Allowance (1,333 Gallons)		(1,726)	-	\$ -	0.6540	\$ (1,128)
1st block	-	(31,436)	0.6540	(20,559)	0.6540	(20,559)
Subtotal	-	(33,162)		\$ (20,559)		\$ (21,687)
Total Metered Commercial	(167)	(33,162)		\$ (24,076)		\$ (27,091)
<u>Commercial - Unmetered</u>						
Customer Charge						
Unmetered	(19)	-	\$ 38.53	\$ (739)	\$ 58.53	\$ (1,122)
TOTAL COMMERCIAL	(186)	(33,162)		\$ (24,815)		\$ (28,213)
TOTAL DIVISION	(2,501)	(128,644)		\$ (120,820)		\$ (168,998)

AQUA PENNSYLVANIA INC.  
**WASTEWATER - RATE ZONE 11**  
NEW GARDEN DIVISION  
SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PROPOSED RATES  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021 AND 2023

Customer Classification (1)	Adjusted Revenues, Per Books 03/31/2023(a) (2)	Bill Analysis Revenues, Proposed Rates (Schedule 3) (3)	Adjustment Factor (Schedule 2) (4)	Revenues Under Proposed Rates (5)=(3)X(4) (5)	Pro Forma Adjustments Proposed Rates (Schedule 3) (6)	Total Revenue (7)=(5)+(6) (7)	Pro Forma Revenue Proposed Rates (8)=(7)-(2) (8)	Percent Increase (9)
<b>METERED SALES</b>								
Residential	\$ 2,291,038	\$ 685,629	Sch. 2	1,001,338.71	\$ 686,547	\$ 3,147,825	\$ 856,787	37.4%
Commercial	580,660	219,603	Sch. 2	1,001,673.13	219,970	567,942	787,612	-
Public Authority	-	704	Sch. 2	1,000,000.00	.704	(704)	-	35.6%
Total Sales Related to Wastewater	<u>\$ 2,871,698</u>	<u>\$ 905,936</u>		<u>\$ 907,221</u>	<u>\$ 3,028,216</u>	<u>\$ 3,935,437</u>	<u>\$ 1,063,739</u>	<u>37.0%</u>
Other Operating Revenues	-	-		-	-	-	-	-
Total Wastewater Revenue	<u><u>\$ 2,871,698</u></u>	<u><u>\$ 905,936</u></u>		<u><u>\$ 907,221</u></u>	<u><u>\$ 3,028,216</u></u>	<u><u>\$ 3,935,437</u></u>	<u><u>\$ 1,063,739</u></u>	<u><u>37.0%</u></u>
(a) Excludes Unbilled Revenue.								

AQUA PENNSYLVANIA INC.  
**WASTEWATER - RATE ZONE 11**  
NEW GARDEN DIVISION  
SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PRESENT RATES  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021 AND 2023

Customer Classification (1)	Revenues, Per Books Present Rates 03/31/2021(a) (2)	Bill Analysis Revenues, Present Rates (Schedule 3) (3)	Ref.	Adjustment Factor (4)=(2)/(3)	Revenues Under Present Rates (5)=(3)X(4)	Pro Forma Adjustments Present Rates (Schedule 3) (6)	Annualized DSIC Revenue (7)	Add Back Annualized DSIC Revenue (7)	Total Pro Forma Revenue Present Rates (8)=(5)+(6)+(7)
<b>METERED SALES</b>									
Residential	\$ 499,679	\$ 499,011	Sch. 3 RZ11	1,001338708	\$ 499,679	\$ 1,791,359	\$ -	\$ -	\$ 2,291,038
Commercial	161,141	160,872	Sch. 3 RZ11	1,001673131	161,141	419,519	-	-	580,660
Public Authority	513	513	Sch. 3 RZ11	1,000000000	513	(513)	\$ -	\$ -	-
Total	\$ 661,333	\$ 660,396			\$ 661,333	\$ 2,210,365	\$ -	\$ -	\$ 2,871,698
Other Operating Revenues	-	-		-	-	-	-	-	-
Total Wastewater Revenue	\$ 661,333	\$ 660,396			\$ 661,333	\$ 2,210,365	\$ -	\$ -	\$ 2,871,698

(a) Excludes Unbilled Revenue.

**AQUA PENNSYLVANIA, INC.**  
**WASTEWATER - RATE ZONE 11**  
**NEW GARDEN DIVISION**  
**APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2021**

Rate Block, 100 Gallons	Number of Bills	Consumption, 100 Gallons	Present Rate	Present Revenue	Proposed Rate	Proposed Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<u><b>Residential - Monthly</b></u>						
<b>Customer Charge</b>						
5/8 Subtotal	6,080	-	\$ 37.64	\$ 228,826	\$ 51.71	\$ 314,390
	6,080	-		228,826		314,390
Allowance (1,667 Gallons)		95,055	-	\$ -	-	\$ -
1st block (up to 5,000 gallons)		121,041	1.5170	183,618	2.0844	252,297
2nd block (Over 5,000 gallons)		44,054	1.9650	86,567	2.6999	118,942
Subtotal	-	260,150		270,185		371,239
Total Metered	6,080	260,150		\$ 499,011		\$ 685,629
<u><b>Commercial 1 - Monthly</b></u>						
<b>Customer Charge</b>						
5/8 Subtotal	1,177	-	\$ 52.71	\$ 62,041	\$ 72.42	\$ 85,246
	1,177	-		62,041		85,246
Allowance (1,667 Gallons)		18,230	-	\$ -	-	\$ -
1st block (up to 5,000 gallons)		16,023	2.3500	37,655	3.2289	51,738
2nd block (Over 5,000 gallons)		8,647	3.0150	26,070	4.1426	35,820
Subtotal	-	42,901		63,725		87,558
Total Metered	1,177	42,901		\$ 125,766		\$ 172,804
<u><b>Commercial 2 - Monthly</b></u>						
<b>Customer Charge</b>						
5/8 Subtotal	90	-	\$ 64.31	\$ 5,800	\$ 72.42	\$ 6,532
	90	-		5,800		6,532
Allowance (1,667 Gallons)		1,450	-	\$ -	-	\$ -
1st block (up to 5,000 gallons)		2,420	3.3020	7,991	4.5369	10,979
2nd block (Over 5,000 gallons)		3,400	4.1670	14,168	5.7255	19,467
Subtotal	-	7,270		22,159		30,446
Total Metered	90	7,270		\$ 27,959		\$ 36,978
Total Commercial	1,267	50,171		\$ 153,725		\$ 209,782

**AQUA PENNSYLVANIA, INC.**  
**WASTEWATER - RATE ZONE 11**  
**NEW GARDEN DIVISION**  
**APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2021**

Rate Block, 100 Gallons	Number of Bills	Consumption, 100 Gallons	Present Rate	Present Revenue	Proposed Rate	Proposed Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<u>Combined Residential &amp; Commercial - Monthly</u>						
Customer Charge						
5/8 Subtotal	3	-	\$ 218.32	\$ 655	\$ 299.97	\$ 900
3		-		\$ 655		900
Allowance (1,667 Gallons)		250	-	\$ -	\$ -	\$ -
1st block (up to 5,000 gallons)		48	2.3500	\$ 113	3.2289	155
2nd block (Over 5,000 gallons)		-	3.0150	-	4.1426	-
Subtotal	-	298		\$ 113		155
Total Metered	3	298		\$ 768		\$ 1,055
<u>Combined Residential &amp; Commercial - Monthly</u>						
Customer Charge						
5/8 Subtotal	10	-	\$ 180.69	\$ 1,873	\$ 248.27	\$ 2,574
10		-		\$ 1,873		2,574
Allowance (1,667 Gallons)		35	-	\$ -	\$ -	\$ -
1st block (up to 5,000 gallons)		-	2.3500	-	3.2289	-
2nd block (Over 5,000 gallons)		-	3.0150	-	4.1426	-
Subtotal	-	35		-		-
Total Metered	10	35		\$ 1,873		\$ 2,574
<u>Combined Residential &amp; Commercial - Monthly</u>						
Customer Charge						
5/8 Subtotal	3	-	\$ 165.62	\$ 497	\$ 227.56	\$ 683
3		-		\$ 497		683
Allowance (1,667 Gallons)		200	-	\$ -	\$ -	\$ -
1st block (up to 5,000 gallons)		247	2.3500	\$ 580	3.2289	798
2nd block (Over 5,000 gallons)		-	3.0150	-	4.1426	-
Subtotal	-	447		\$ 580		798
Total Metered	3	447		\$ 1,077		\$ 1,481
<u>Combined Residential &amp; Commercial - Monthly</u>						
Customer Charge						
5/8 Subtotal	3	-	\$ 143.05	\$ 429	\$ 196.55	\$ 590
3		-		\$ 429		590
Allowance (1,667 Gallons)		150	-	\$ -	\$ -	\$ -
1st block (up to 5,000 gallons)		10	2.3500	\$ 24	3.2289	32
2nd block (Over 5,000 gallons)		-	3.0150	-	4.1426	-
Subtotal	-	160		\$ 24		32
Total Metered	3	160		\$ 453		\$ 622
<u>Combined Residential &amp; Commercial - Monthly</u>						
Customer Charge						
5/8 Subtotal	6	-	\$ 127.98	\$ 768	\$ 175.84	\$ 1,055
6		-		\$ 768		1,055
Allowance (1,667 Gallons)		100	-	\$ -	\$ -	\$ -
1st block (up to 5,000 gallons)		-	2.3500	-	3.2289	-
2nd block (Over 5,000 gallons)		-	3.0150	-	4.1426	-
Subtotal	-	100		-		-
Total Metered	6	100		\$ 768		\$ 1,055

**AQUA PENNSYLVANIA, INC.**  
**WASTEWATER - RATE ZONE 11**  
**NEW GARDEN DIVISION**  
**APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2021**

Rate Block, 100 Gallons	Number of Bills	Consumption, 100 Gallons	Present Rate	Present Revenue	Proposed Rate	Proposed Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<u>Combined Residential &amp; Commercial - Monthly</u>						
Customer Charge						
5/8 Subtotal	12	-	\$ 90.34	\$ 1,084	\$ 124.13	\$ 1,490
12	12	-		\$ 1,084		1,490
Allowance (1,667 Gallons)		350	-	\$ -	\$ -	\$ -
1st block (up to 5,000 gallons)		260	2.3500	\$ 611	3.2289	\$ 840
2nd block (Over 5,000 gallons)	-	170	3.0150	\$ 513	4.1426	\$ 704
Subtotal	-	780		1,124		1,544
Total Metered	12	780		\$ 2,208		\$ 3,034
Total Combined Residential & Commercial	37	1,820		\$ 7,147		\$ 9,821
Total Commercial & Combined	1,305	51,991		\$ 160,872		\$ 219,603
<u>Public - Monthly</u>						
Customer Charge						
5/8 Subtotal	4	-	\$ 52.71	\$ 198	\$ 72.42	\$ 272
4	4	-		\$ 198		272
Allowance (1,667 Gallons)		61	-	\$ -	\$ -	\$ -
1st block (up to 5,000 gallons)		82	1.5170	\$ 125	2.0844	\$ 171
2nd block (Over 5,000 gallons)	-	97	1.9650	\$ 190	2.6999	\$ 261
Subtotal	-	240		315		432
Total Metered	4	240		\$ 513		\$ 704
Total New Garden Division	7,388	312,381		\$ 660,396		\$ 905,936

AQUA PENNSYLVANIA, INC.  
**WASTEWATER - RATE ZONE 11**  
NEW GARDEN DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO BILLING ADJUSTMENTS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
<u>Residential - Monthly</u>						
Customer Charge						
5/8 Subtotal	16,912	-	\$ 37.64	\$ 636,516	\$ 51.71	\$ 874,526
	16,912	-		636,516		874,526
Allowance (1,667 Gallons)		745	-	\$ -	\$ -	\$ -
1st block (up to 5,000 gallons)		57,220	1.5170	86,803	2.0844	119,270
2nd block (Over 5,000 gallons)		543,532	1.9650	1,068,040	2.6999	1,467,482
Subtotal	-	601,498		1,154,843		1,586,752
Total Metered	16,912	601,498		\$ 1,791,359		\$ 2,461,278
<u>Commercial 1 - Monthly</u>						
Customer Charge						
5/8 Subtotal	875	-	\$ 52.71	\$ 46,113	\$ 72.42	\$ 63,360
	875	-		46,113		63,360
Allowance (1,667 Gallons)		(9,680)	-	\$ -	\$ -	\$ -
1st block (up to 5,000 gallons)		115,471	2.3500	271,356	3.2289	372,844
2nd block (Over 5,000 gallons)		(8,647)	3.0150	(26,070)	4.1426	(35,820)
Subtotal	-	97,144		245,286		337,024
Total Metered	875	97,144		\$ 291,399		\$ 400,384
<u>Commercial 2 - Monthly</u>						
Customer Charge						
5/8 Subtotal	242	-	\$ 64.31	\$ 15,585	\$ 88.36	\$ 21,415
	242	-		15,585		21,415
Allowance (1,667 Gallons)		(500)	-	\$ -	\$ -	\$ -
1st block (up to 5,000 gallons)		17,350	3.3020	57,290	4.5369	78,716
2nd block (Over 5,000 gallons)		14,124	4.1670	58,854	5.7255	80,866
Subtotal	-	30,974		116,144		159,582
Total Metered	242	30,974		\$ 131,729		\$ 180,997
Total Commercial	1,117	128,118		\$ 423,128		\$ 581,381

**AQUA PENNSYLVANIA, INC.**  
**WASTEWATER - RATE ZONE 11**  
**NEW GARDEN DIVISION**  
**APPLICATION OF PRESENT AND PROPOSED RATES TO BILLING ADJUSTMENTS**  
**FOR THE TWELVE MONTHS ENDED MARCH 31, 2021**

Rate Block, 100 Gallons	Number of Bills	Consumption, 100 Gallons	Present Rate	Present Revenue	Proposed Rate	Proposed Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<u>Combined Residential &amp; Commercial - Monthly</u>						
Customer Charge						
5/8 Subtotal	(3)	-	\$ 72.77	\$ (218)	\$ 299.97	\$ (900)
(3)	(3)	-		(218)		(900)
Allowance (1,667 Gallons)		(250)	-	\$ -	\$ -	\$ -
1st block (up to 5,000 gallons)		(48)	2.3500	(113)	3.2289	(155)
2nd block (Over 5,000 gallons)		-	3.0150	-	4.1426	-
Subtotal	-	(298)		(113)		(155)
Total Metered	(3)	(298)		\$ (331)		\$ (1,055)
<u>Combined Residential &amp; Commercial - Monthly</u>						
Customer Charge						
5/8 Subtotal	(10)	-	\$ 60.23	\$ (624)	\$ 299.97	\$ (3,110)
(10)	(10)	-		(624)		(3,110)
Allowance (1,667 Gallons)		(35)	-	\$ -	\$ -	\$ -
1st block (up to 5,000 gallons)		-	2.3500	-	3.2289	-
2nd block (Over 5,000 gallons)		-	3.0150	-	4.1426	-
Subtotal	-	(35)		-		-
Total Metered	(10)	(35)		\$ (624)		\$ (3,110)
<u>Combined Residential &amp; Commercial - Monthly</u>						
Customer Charge						
5/8 Subtotal	(3)	-	\$ 55.21	\$ (166)	\$ 299.97	\$ (900)
(3)	(3)	-		(166)		(900)
Allowance (1,667 Gallons)		(200)	-	\$ -	\$ -	\$ -
1st block (up to 5,000 gallons)		(247)	2.3500	(580)	3.2289	(798)
2nd block (Over 5,000 gallons)		-	3.0150	-	4.1426	-
Subtotal	-	(447)		(580)		(798)
Total Metered	(3)	(447)		\$ (746)		\$ (1,698)
<u>Combined Residential &amp; Commercial - Monthly</u>						
Customer Charge						
5/8 Subtotal	(3)	-	\$ 47.68	\$ (143)	\$ 299.97	\$ (900)
(3)	(3)	-		(143)		(900)
Allowance (1,667 Gallons)		(150)	-	\$ -	\$ -	\$ -
1st block (up to 5,000 gallons)		(10)	2.3500	(24)	3.2289	(32)
2nd block (Over 5,000 gallons)		-	3.0150	-	4.1426	-
Subtotal	-	(160)		(24)		(32)
Total Metered	(3)	(160)		\$ (167)		\$ (932)
<u>Combined Residential &amp; Commercial - Monthly</u>						
Customer Charge						
5/8 Subtotal	(6)	-	\$ 42.66	\$ (256)	\$ 299.97	\$ (1,800)
(6)	(6)	-		(256)		(1,800)
Allowance (1,667 Gallons)		(100)	-	\$ -	\$ -	\$ -
1st block (up to 5,000 gallons)		-	2.3500	-	3.2289	-
2nd block (Over 5,000 gallons)		-	3.0150	-	4.1426	-

AQUA PENNSYLVANIA, INC.  
**WASTEWATER - RATE ZONE 11**  
NEW GARDEN DIVISION  
APPLICATION OF PRESENT AND PROPOSED RATES TO BILLING ADJUSTMENTS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption, 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
Subtotal	-	(100)		-		-
Total Metered	(6)	(100)		\$ (256)		\$ (1,800)
<u>Combined Residential &amp; Commercial - Monthly</u>						
Customer Charge 5/8 Subtotal	(12)	-	\$ 30.11	\$ (361)	\$ 299.97	\$ (3,600)
(12)	-			(361)		(3,600)
Allowance (1,667 Gallons)		(350)	-	\$ -	\$ -	\$ -
1st block (up to 5,000 gallons)		(260)	2.3500	(611)	3.2289	(840)
2nd block (Over 5,000 gallons)	-	(170)	3.0150	(513)	4.1426	(704)
Subtotal	-	(780)		(1,124)		(1,544)
Total Metered	(12)	(780)		\$ (1,485)		\$ (5,144)
Total Combined Residential & Commercial	(37)	(1,820)		\$ (3,609)		\$ (13,739)
Total Commercial & Combined	1,080	126,297		\$ 419,519		\$ 567,642
<u>Public - Monthly</u>						
Customer Charge 5/8 Subtotal	(4)	-	\$ 52.71	\$ (198)	\$ 72.42	\$ (272)
(4)	-			(198)		(272)
Allowance (1,667 Gallons)		(61)	-	\$ -	\$ -	\$ -
1st block (up to 5,000 gallons)		(82)	1.5170	(125)	2.0844	(171)
2nd block (Over 5,000 gallons)	-	(97)	1.9650	(190)	2.6999	(261)
Subtotal	-	(240)		(315)		(432)
Total Metered	(4)	(240)		\$ (513)		\$ (704)
Total New Garden Division	17,988	727,555		\$ 2,210,365		\$ 3,028,216

## APPENDIX

RS1a.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- a. A description of the allocation methods used. A comparison of the allocated cost of service by class with the present and proposed revenues. A cost of service schedule showing the rate of return produced by present and proposed rates by class of service.

RESPONSE

A description of the methods used for the cost of service study is provided in Exhibit No. 5-B, Part I and in Statement No. 5. A comparison of the allocated cost of service by class with the present and proposed revenues is provided on Schedule A of Exhibit No. 5-B, part I.

RS1b.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- b. Indicate if the method used for establishing the allocation factors in the cost of service study deviates from the previous study submitted in the last rate case. If yes, indicate which allocation factors were changed and discuss the reason for the changes.

RESPONSE

The method used for establishing the allocation factors in the cost of service study does not deviate from the previous study submitted in the last rate case.

RS1c.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- c. Supply the average day, the maximum day and the maximum hour deliveries to the system adjusted for storage for the historic test year and 2 prior years. Also provide workpapers, analyses, comparative data or other documentation supporting the estimated maximum day and peak hour demands by customer class reflected in the company's cost of service study.

RESPONSE

Not applicable.

RS1d.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- d. Explain thoroughly the methodology employed if the company distinguishes between transmission and distribution or collection mains in its allocation of costs.

RESPONSE

Not applicable.

RS1e.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- e. Provide a detailed explanation of how storage is utilized to meet base, maximum day and maximum hour demands.

RESPONSE

There is no storage for the wastewater system.

RS1f.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- f. Provide workpapers, calculations and supporting documentation which develop the equivalent meters and equivalent service line weights reflected in the company's cost of service study.

RESPONSE

There are no meter or service equivalents calculated for this study.

RS1g.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- g. Provide all workpapers and supporting documentation for the fire flow requirement and duration utilized in the cost of service study.

RESPONSE

Because this is a wastewater operation, there is no fire flow requirement.

RS1h.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- h. Provide a breakdown of the number and size of private fire services according to the general water service class of customer.

RESPONSE

Not applicable.

AQUA PENNSYLVANIA INC.  
WASTEWATER BASE OPERATIONS

CALCULATION OF CUSTOMER COST PER MONTH

	<u>Per Month</u>
(1) Cost Related to Customer Facilities	\$ 896,733
(2) Service Equivalents X 12	210,985
(3) Cost per Bill - Meter related	\$ 4.25
(4) Cost Related to Customer Accounting	\$ 1,911,529
(5) Number of Bills	210,985
(6) Cost per Bill	\$ 9.06
(7) Cost Related to I&I	\$ 14,882,763
(8) Percentage of I&I Cost to be recovered in Customer Charge	66.67%
(9) Net Cost Related to I&I to be recovered in Customer Charge	\$ 9,922,338
(10) Service Equivalents X 12	210,985
(11) Cost per Bill - I&I Related	\$ 47.03
(12) Total Customer Costs (3)+(6)+(11)	\$ 60.34

RS1i.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- h. Provide a calculation of the company's base cost of water or wastewater per unit of consumption or usage.

RESPONSE

Please refer to the functional allocation schedule attached. The calculation of the average flow cost per hundred gallons for the Wastewater Base Operations is as follows:

Total Flow Costs	\$21,483,039
(includes collection and treatment expenses and 1/3 of I&I Expenses)	
Pro Forma Usage	8,632,773
Flow Cost per 100 gallons	\$2.49

RS1j.

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS1. Provide a complete (fully allocated) cost of service study if an interval of approximately three years has passed between a previous cost of service study and the historic test year date of the current filing. The cost of service study shall provide the necessary data to determine if the water rate structure is fair and equitable to all classifications of water uses (including public and private fire protection customers) and reflects, as nearly as possible, the cost of providing the service. The study shall correspond to the test year proposed revenue requirements (future test year only, if used). Summaries of conclusions and all back-up calculations shall be made part of the submission of the cost of service study and shall include the following.

- h. Provide a detailed cost analysis that supports the company's customer charges, by meter size, showing all direct and indirect costs included.

RESPONSE

Please refer to attached schedule.

RS2

AQUA PENNSYLVANIA, INC.

RESPONSES TO RATE STRUCTURE  
AND COST OF SERVICE FILING REQUIREMENTS

RS2. Provide a listing of negotiated special rate contracts which includes a comparison of revenues under special rate contracts and under tariff rates. Provide the cost of service treatment of any deficiency in revenues resulting from the negotiated special rate contracts. Special rates are defined as rates not contained in the currently effective tariff.

RESPONSE

Please refer to attached schedule.

AQUA PENNSYLVANIA, INC.  
WASTEWATER  
CONTRACT SALES  
APPLICATION OF PRESENT AND PROPOSED RATES TO CONSUMPTION ANALYSIS  
FOR THE TWELVE MONTHS ENDED MARCH 31, 2021

Rate Block, 100 Gallons (1)	Number of Bills (2)	Consumption 100 Gallons (3)	Present Rate (4)	Present Revenue (5)	Proposed Rate (6)	Proposed Revenue (7)
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Woodloch Pines - Monthly

**TARIFF RATES**

Customer Charge						
Zone Three Rates (220 EDU) (a)	12	-	\$ 46.00	\$ 121,440	\$ 58.09	\$ 153,358
1st block	<u>-</u>	<u>69,000</u> (b)	0.8500	<u>\$ 58,650</u>	\$ 1.0734	<u>\$ 74,065</u>
Total Tariff Rate	12	69,000		\$ 180,090		\$ 227,423

**CONTRACT RATE**

Flat Rate						
January 14, '20 to January 14, '20	9	-	\$ 25,551.80	\$ 229,966	\$ 27,921.14	\$ 251,290
January '20 to December '20	<u>3</u>	<u>-</u>	<u>\$ 26,318.35</u>	<u>78,955</u>	<u>\$ 27,921.14</u>	<u>83,763</u>
	<u>12</u>	<u>-</u>		<u>308,921</u>		<u>335,053</u>
TOTAL	<u><u>12</u></u>	<u><u>-</u></u>		<u><u>\$ 308,921</u></u>		<u><u>\$ 335,053</u></u>

(a) Tariff rates projected under Zone Three or Woodloch Springs Division Rates

(b) Consumption is provided by the Woodloch Pines, Aqua PA water contract.

AQUA PENNSYLVANIA  
RESIDENTIAL CUSTOMER CLASS - WASTEWATER CONSUMPTION  
COMPARISON OF HISTORIC TEST YEAR CAPPED CONSUMPTION TO HISTORIC TEST YEAR ANNUAL CONSUMPTION  
IN 100 GALLONS

Rate Zone	Historic Test Year Capped Consumption*	Historic Test Year Total Consumption	Difference	Percentage Difference
RZ 1 - Bridlewood, Eagle Rock	271,274	443,649	(172,375)	-38.9%
RZ 1 - Media Division	471,512	714,968	(243,456)	-34.1%
RZ 1A - Treasure Lake, Villiage at VF, Bunker Hill	518,192	828,860	(310,668)	-37.5%
RZ 1B - Penn Township	150,467	322,232	(171,765)	-53.3%
RZ 2 - Emlenton, Rivercrest, White Haven	231,899	357,288	(125,389)	-35.1%
RZ 3 - Beech Mountain Lakes, Deerfield Knoll, Laurel Lakes, Links at Gettysburg, Stoney Creek, Thornhurst, Willsitown Woods, and Woodloch Springs	488,749	771,376	(282,627)	-36.6%
RZ 4 - Honeycroft Village, Lake Harmony, New Daleville, Peddlers View, Tobyhanna Township, Twin Hills	192,723	289,520	(96,798)	-33.4%
RZ 5 - Newlin Green	28,025	42,191	(14,166)	-33.6%
RZ 5 - Avon Grove School, East Bradford, Little Washington, Greens at Penn Oaks, Sage Hill and Plumstock	171,899	260,893	(88,994)	-34.1%
RZ 6 - Masthope Division	<u>157,167</u>	<u>301,022</u>	<u>(143,856)</u>	<u>-47.8%</u>
	2,681,906	4,331,999	(1,650,093)	-38.1%
RZ 7 - Limerick Division	1,660,589	2,522,764	(862,175)	-34.2%
RZ 9 - Cheltenham Township Division	<u>3,223,894</u>	<u>4,999,733</u>	<u>(1,775,839)</u>	<u>-35.5%</u>
	10,248,295	16,186,495	(5,938,200)	-36.7%

\*Total Residential Consumption for the Months of May-October capped at 4 months average winter consumption per Aqua IL tariff.

**Aqua Pennsylvania, Inc.**  
Current and Proposed Rates

RZ-1 - Meter Size										RZ-1 - EDU				RZ-1A							
	Media Division			Bridlewood and Eagle Rock Divisions			Treasure Lake, Village at Valley Forge and Bunker Hill Divisions			Proposed Rates	Change										
	Current Rates	Proposed Rates	Change	Current Rates	Proposed Rates	Change	Current Rates	Proposed Rates	Change												
<b>Residential EDU Charge</b>	\$ 31.00	\$ 43.30	\$ 43.30	\$ 31.00	\$ 43.30	\$ 43.30	\$ 31.00	\$ 43.30	\$ 43.30	\$ 31.00	\$ 43.30	\$ 43.30	\$ 31.00	\$ 43.30	\$ 43.30	\$ 31.00	\$ 43.30				
<b>Non-Residential EDU Charge</b>																					
Meter Size Charges				Per EDU			Meter Size Charges														
1	31.00	43.30	39.7%	31.00	43.30	39.7%	31.00	43.30	39.7%	31.00	43.30	39.7%	31.00	43.30	39.7%	31.00	43.30				
1.5	46.50	64.95	39.7%	46.50	64.95	39.7%	46.50	64.95	39.7%	46.50	64.95	39.7%	46.50	64.95	39.7%	46.50	64.95				
2	77.50	108.25	39.7%	77.50	108.25	39.7%	77.50	108.25	39.7%	77.50	108.25	39.7%	77.50	108.25	39.7%	77.50	108.25				
5	155.00	216.50	39.7%	155.00	216.50	39.7%	155.00	216.50	39.7%	155.00	216.50	39.7%	155.00	216.50	39.7%	155.00	216.50				
8	248.00	346.40	39.7%	248.00	346.40	39.7%	248.00	346.40	39.7%	248.00	346.40	39.7%	248.00	346.40	39.7%	248.00	346.40				
15	469.50	649.50	39.7%	469.50	649.50	39.7%	469.50	649.50	39.7%	469.50	649.50	39.7%	469.50	649.50	39.7%	469.50	649.50				
25	775.00	1,082.50	39.7%	775.00	1,082.50	39.7%	775.00	1,082.50	39.7%	775.00	1,082.50	39.7%	775.00	1,082.50	39.7%	775.00	1,082.50				
4	1,550.00	2,165.00	39.7%	1,550.00	2,165.00	39.7%	1,550.00	2,165.00	39.7%	1,550.00	2,165.00	39.7%	1,550.00	2,165.00	39.7%	1,550.00	2,165.00				
6	2,480.00	3,464.00	39.7%	2,480.00	3,464.00	39.7%	2,480.00	3,464.00	39.7%	2,480.00	3,464.00	39.7%	2,480.00	3,464.00	39.7%	2,480.00	3,464.00				
8	3,565.00	4,979.50	39.7%	3,565.00	4,979.50	39.7%	3,565.00	4,979.50	39.7%	3,565.00	4,979.50	39.7%	3,565.00	4,979.50	39.7%	3,565.00	4,979.50				
10																					
<b>Flat Rate Customer Charges</b>																					
	61.40	85.73	39.6%		61.40	85.73		61.40	85.73		61.40	85.73		61.40	85.73		61.40	85.73			
<b>Consumption Charges:</b>																					
1st block																					
2nd block																					
3rd block																					
Block Size (100 gallons)																					
First Over																					
<b>SPECIAL CHARGES</b>																					
<b>Customer Charges:</b>																					
<b>SPECIAL CHARGES</b>																					
All Usage																					
Consumption Charges:																					
All Usage																					

<b>SPECIAL CHARGES</b>	Media Division	31.00	43.30	39.7%	Bridlewood Apartment Complex	13,323.80	18,603.84	39.6%
Customer Charges:					217 EDU's			
					Children's World Daycare	429.80	600.12	39.6%
					7 EDU's			

Consumption Charges:				
All Usage				

Aqua Pennsylvania, Inc.  
Current and Proposed Rates

Aqua Pennsylvania, Inc.  
Current and Proposed Rates

		RZ-3		RZ-4		RZ-5	
		Beech Mountain Lakes; Deerfield Knoll; Laurel Lakes, Links at Gettysburg, Stoney Creek, Thomhurst, and Willow Run Woods Divisions		Honeycroft Village, Lake Harmony, New Daleville, Pedders View, Tobyanna Township, Twin Hills Divisions		Avon Grove School, East Bradford, Little Washington, Greens at Penn Oaks, Sage Hill and Plumsick* Divisions	
		Current Rates	Proposed Rates	Current Rates	Proposed Rates	Current Rates	Proposed Rates
Residential EDU Charge	\$ 46.00	\$ 64.21	39.6%	\$ 62.00	\$ 77.50	25.0%	\$ 74.00
<b>Non-Residential Meter Size Charges</b>				<b>Meter Size Charges</b>			<b>Meter Size Charges*</b>
5/8	46.00	64.21	39.6%	62.00	77.50	25.0%	74.00
3/4	69.00	96.31	39.6%	93.00	116.30	25.1%	111.00
1	115.00	160.52	39.6%	155.00	193.80	25.0%	185.00
1-1/2	230.00	321.03	39.6%	310.00	387.50	25.0%	370.00
2	368.00	513.65	39.6%	486.00	620.00	25.0%	592.00
3	690.00	963.10	39.6%	930.00	1,162.50	25.0%	1,110.00
4	1,150.00	1,605.17	39.6%	1,550.00	1,937.50	25.0%	1,850.00
6	2,300.00	3,210.34	39.6%	3,100.00	3,875.00	25.0%	3,700.00
8	3,680.00	5,136.54	39.6%	4,980.00	6,200.00	25.0%	5,920.00
10	5,290.00	7,383.78	39.6%	7,130.00	8,912.50	25.0%	8,510.00
<b>Flat Rate Customer Charges</b>				100.00	125.00	25.0%	112.40
	80.00	111.67	39.6%				112.40
<b>Consumption Charges:</b>							112.40
1st block							112.40
2nd block							112.40
3rd block							112.40
Block Size (100 gallons)							112.40
							112.40
<b>SPECIAL CHARGES Customer Charges:</b>							
Flat Rate - Various Divisions							
Woodloch Springs	71.50	111.67	56.2%				
	282.21	393.90	39.6%				
<b>Consumption Charges:</b>							
SPECIAL CHARGES Woodloch Springs - Clubhouse/Pool							
All Usage	0.1200	0.1675	39.6%				

		Newlin Green Division		Sage Hill Division - Unmetered		Avon Grove School - Flat Rate	
		\$ 8,281.25	\$ 11,609.86	\$ 180.00	\$ 156.69	\$ 1,340.00	\$ 78.7%

Aqua Pennsylvania, Inc.  
Current and Proposed Rates

SEASONAL

		Mashpee Division		
		Current Rates	Proposed Rates	Change
Residential EDU Charge	\$ 39.64	\$ 55.30	\$ 55.30	39.5%
Non-Residential				
Per EDU				
5/8	39.64	55.30	55.30	39.5%
.34	39.64	55.30	55.30	39.5%
1	39.64	55.30	55.30	39.5%
1-1/2	39.64	55.30	55.30	39.5%
2	39.64	55.30	55.30	39.5%
3	39.64	55.30	55.30	39.5%
4	39.64	55.30	55.30	39.5%
6	39.64	55.30	55.30	39.5%
8	39.64	55.30	55.30	39.5%
10	39.64	55.30	55.30	39.5%
Flat Rate Customer Charges	43.64	60.88	60.88	39.5%

Consumption Charges:

1st block  
2nd block  
3rd block

Block Size (100 gallons)

First  
Over

SPECIAL CHARGES  
Customer Charges:

Consumption Charges:  
All Usage

RZ-6